

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034227.D
 Acq On : 22 Feb 2023 14:36
 Operator : JC/MD
 Sample : 01633-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEIR-TANK-MUD

Quant Time: Feb 23 01:29:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	317452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189235	44.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	167832	48.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	8.647	98	638819	51.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.000%
62) 4-Bromofluorobenzene	11.079	95	229488	48.364	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.307	85	35	0.013	ug/l #	43
3) Chloromethane	1.294	50	614	0.156	ug/l #	67
4) Vinyl Chloride	1.374	62	98	0.027	ug/l	93
6) Chloroethane	1.703	64	130	0.072	ug/l #	50
7) Trichlorofluoromethane	1.892	101	69	0.014	ug/l #	10
8) Diethyl Ether	2.130	74	80	0.041	ug/l #	13
9) 1,1,2-Trichlorotrifluo...	2.337	101	45	0.013	ug/l #	16
10) Methyl Iodide	2.453	142	250	0.060	ug/l #	46
12) 1,1-Dichloroethene	2.313	96	75	0.022	ug/l #	1
13) Acrolein	2.233	56	85	0.195	ug/l #	1
14) Allyl chloride	2.648	41	380	0.052	ug/l #	22
15) Acrylonitrile	3.075	53	127	0.061	ug/l #	38
16) Acetone	2.373	43	69828	31.662	ug/l	91
17) Carbon Disulfide	2.514	76	1234	0.125	ug/l #	84
20) Methylene Chloride	2.788	84	12230	3.078	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	173	0.048	ug/l #	79
22) Diisopropyl ether	3.806	45	60	0.005	ug/l #	24
23) Vinyl Acetate	3.696	43	278	0.027	ug/l #	72
24) 1,1-Dichloroethane	3.599	63	40	0.006	ug/l #	81
26) 2,2-Dichloropropane	4.471	77	25	0.004	ug/l #	52
27) cis-1,2-Dichloroethene	4.483	96	23	0.005	ug/l #	1
30) Chloroform	4.910	83	20	0.003	ug/l #	18
37) Ethyl Acetate	4.715	43	53185	9.313	ug/l	99
39) Methylcyclohexane	7.482	83	23	0.003	ug/l #	11
40) Benzene	6.044	78	393	0.026	ug/l #	52
41) Methacrylonitrile	4.928	41	354	0.111	ug/l #	42
42) 1,2-Dichloroethane	6.098	62	561	0.105	ug/l #	73
43) Isopropyl Acetate	6.336	43	235196	23.339	ug/l	99
44) Trichloroethene	7.129	130	33	0.008	ug/l	88
45) 1,2-Dichloropropane	7.421	63	19	0.005	ug/l #	44
47) Bromodichloromethane	7.696	83	64	0.012	ug/l #	26
52) Toluene	8.726	92	1022	0.111	ug/l	79
56) Ethyl methacrylate	9.128	69	57	0.009	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.263	63	20	0.007	ug/l #	44
60) Dibromochloromethane	9.275	129	54	0.013	ug/l #	11
61) 1,2-Dibromoethane	9.622	107	19	0.005	ug/l #	65

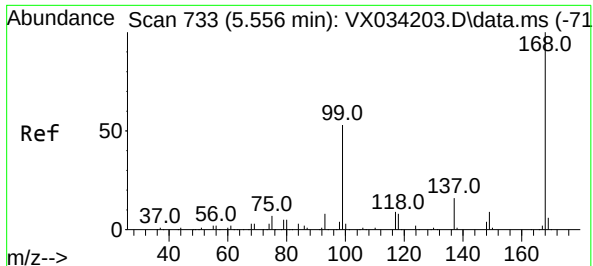
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
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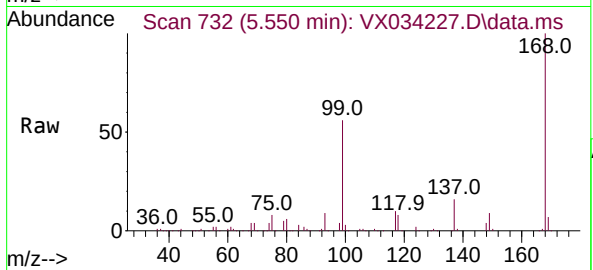
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) Tetrachloroethene	9.275	164	99	0.029	ug/l #	65
65) Chlorobenzene	10.086	112	228	0.022	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	9.915	131	72	0.018	ug/l #	8
67) Ethyl Benzene	10.195	91	676	0.037	ug/l	92
68) m/p-Xylenes	10.305	106	406	0.058	ug/l	77
69) o-Xylene	10.640	106	285	0.041	ug/l	63
70) Styrene	10.665	104	340	0.030	ug/l	89
73) Isopropylbenzene	10.970	105	252	0.015	ug/l	78
75) 1,1,2,2-Tetrachloroethane	11.195	83	53	0.009	ug/l #	26
77) Bromobenzene	11.201	156	52	0.013	ug/l #	1
78) n-propylbenzene	11.463	91	491	0.025	ug/l	99
79) 2-Chlorotoluene	11.463	91	491	0.040	ug/l	84
80) 1,3,5-Trimethylbenzene	11.451	105	283	0.020	ug/l	87
82) 4-Chlorotoluene	11.463	91	491	0.035	ug/l	91
83) tert-Butylbenzene	11.719	119	123	0.008	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.756	105	508	0.035	ug/l	94
85) sec-Butylbenzene	11.890	105	383	0.022	ug/l #	54
86) p-Isopropyltoluene	12.018	119	542	0.037	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	296	0.039	ug/l	83
88) 1,4-Dichlorobenzene	11.975	146	296	0.038	ug/l	82
89) n-Butylbenzene	12.335	91	522	0.040	ug/l	87
91) 1,2-Dichlorobenzene	12.341	146	173	0.023	ug/l #	67
93) 1,2,4-Trichlorobenzene	13.585	180	453	0.094	ug/l #	77
94) Hexachlorobutadiene	13.719	225	159	0.079	ug/l #	60
95) Naphthalene	13.780	128	1714	0.105	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	281	0.059	ug/l #	35

(#) = qualifier out of range (m) = manual integration (+) = signals summed

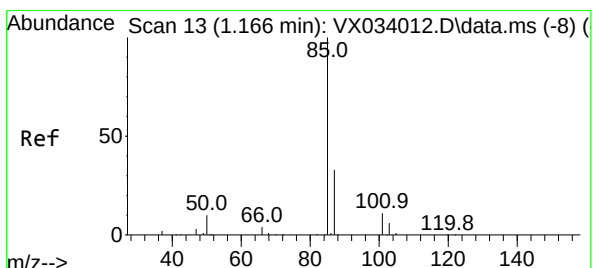
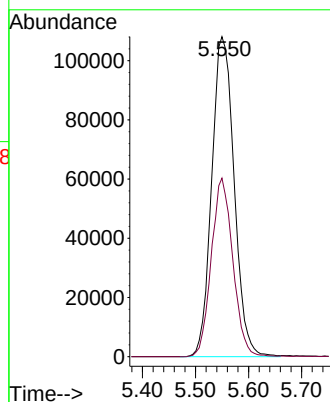
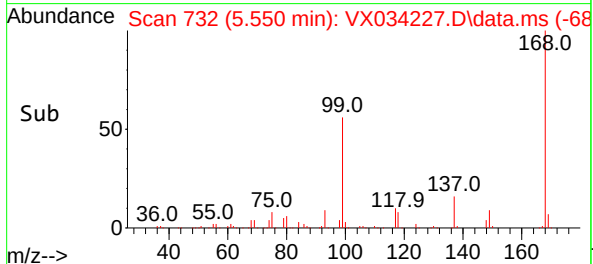


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034227.D
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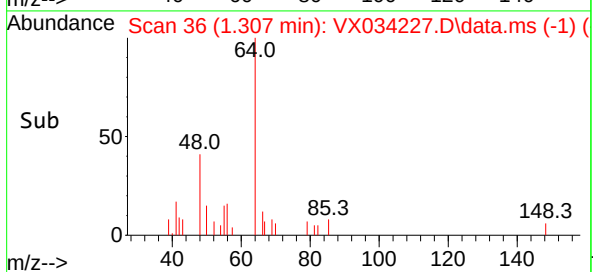
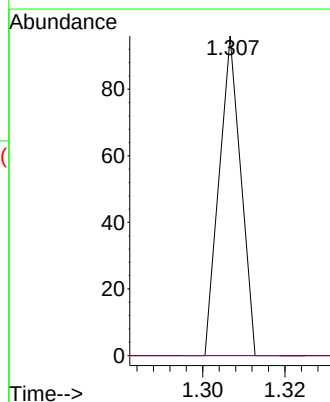
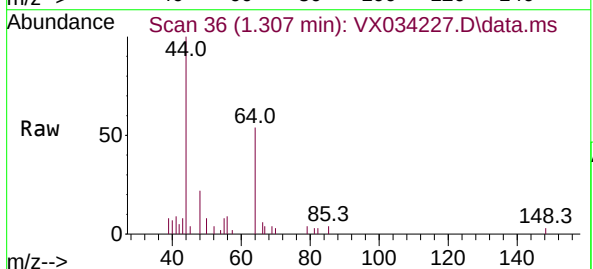


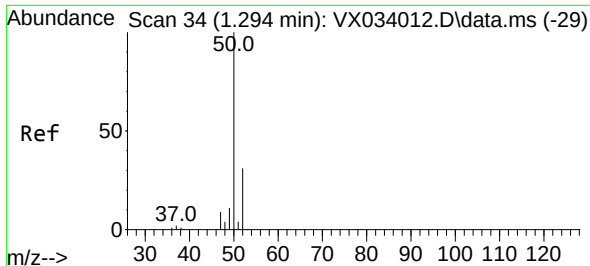
Tgt Ion:168 Resp: 317452
Ion Ratio Lower Upper
168 100
99 55.8 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.013 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.140 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 85 Resp: 35
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

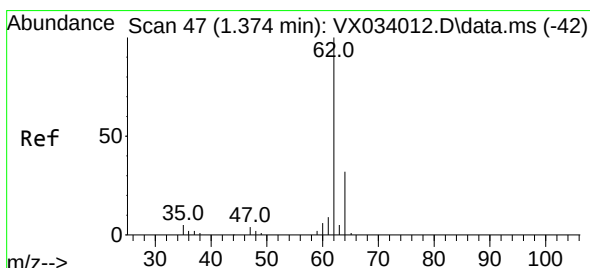
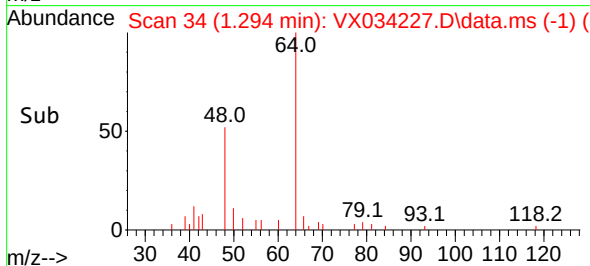
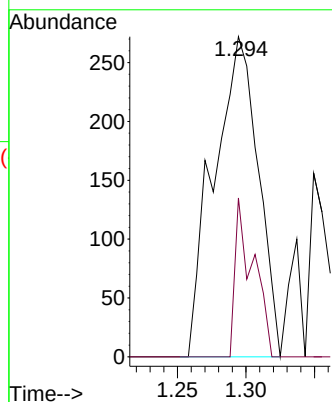
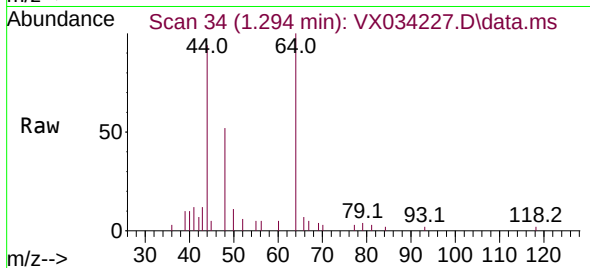




#3
Chloromethane
Concen: 0.156 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

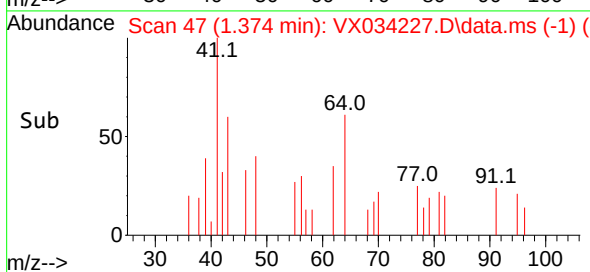
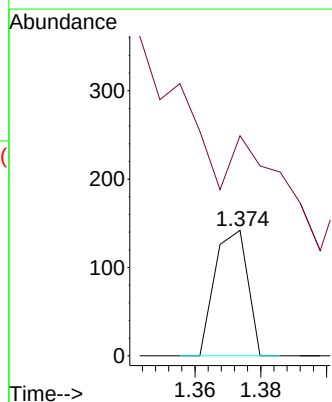
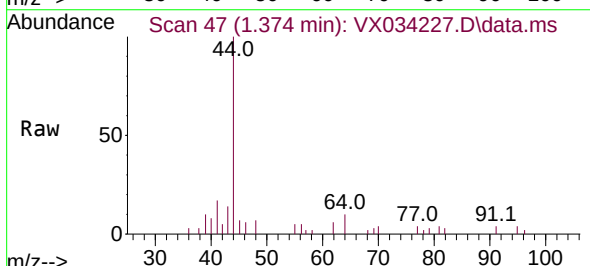
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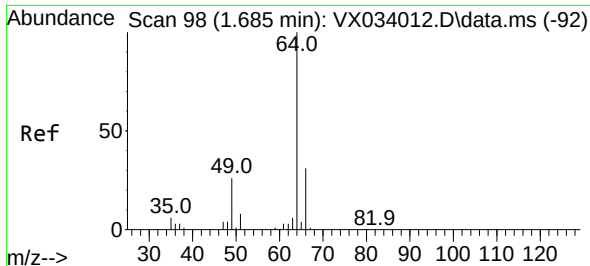
Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 49.6 25.2 37.8#



#4
Vinyl Chloride
Concen: 0.027 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 62 Resp: 98
Ion Ratio Lower Upper
62 100
64 28.9 26.2 39.4

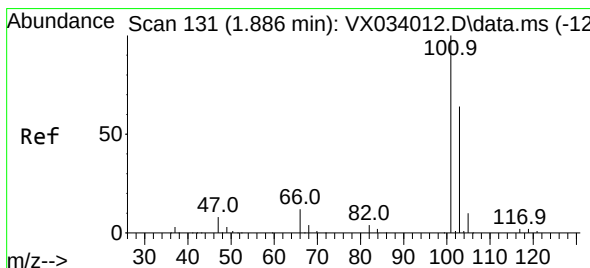
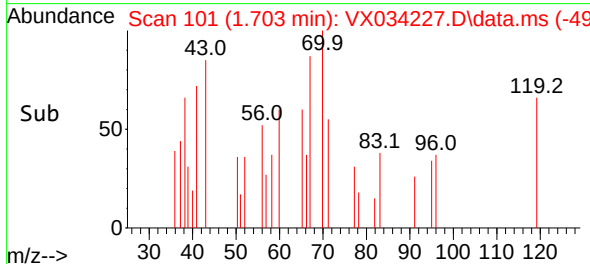
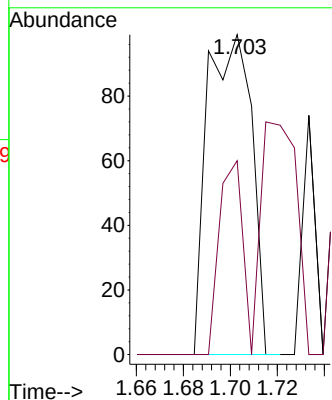
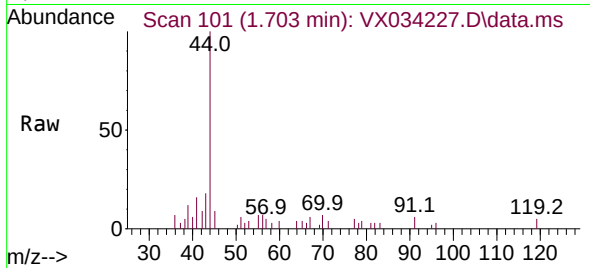




#6
Chloroethane
Concen: 0.072 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

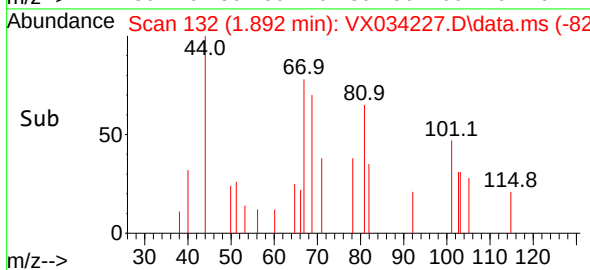
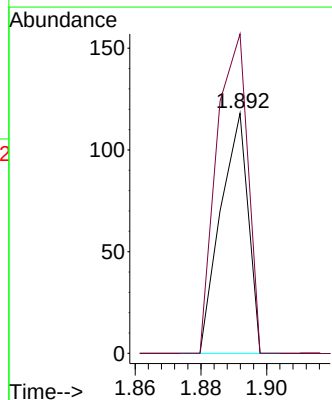
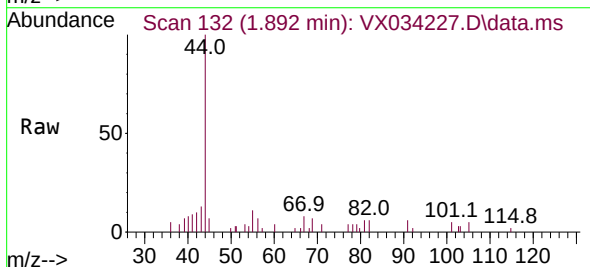
Instrument :
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ClientSampleId :
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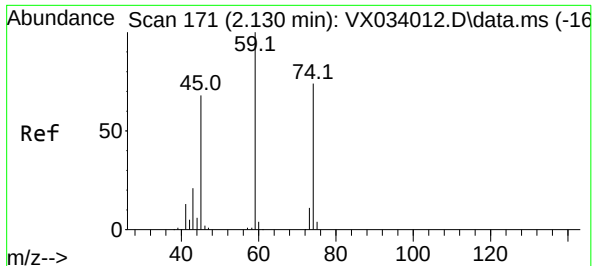
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 60.6 26.1 39.1#



#7
Trichlorofluoromethane
Concen: 0.014 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 101 Resp: 69
Ion Ratio Lower Upper
101 100
103 133.1 50.6 75.8#

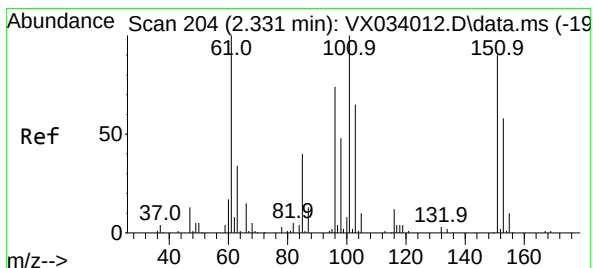
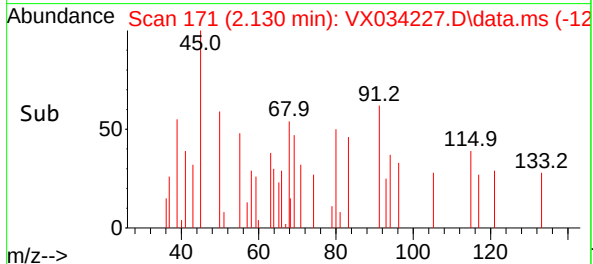
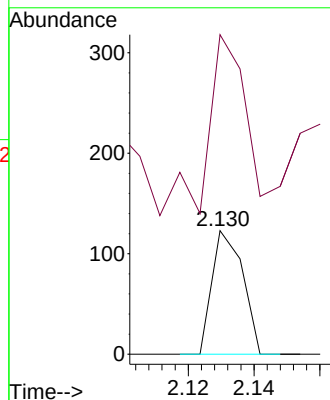
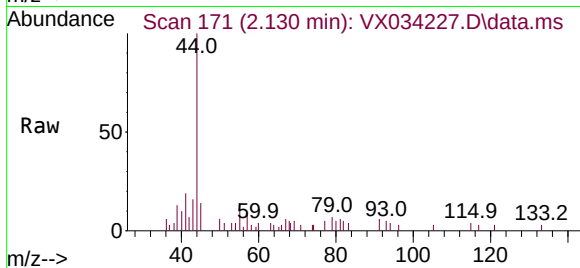




#8
Diethyl Ether
Concen: 0.041 ug/l
RT: 2.130 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

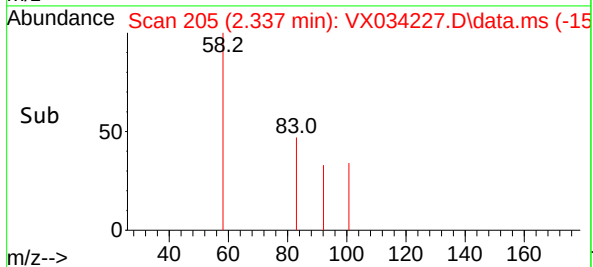
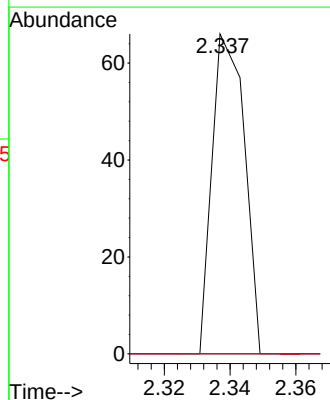
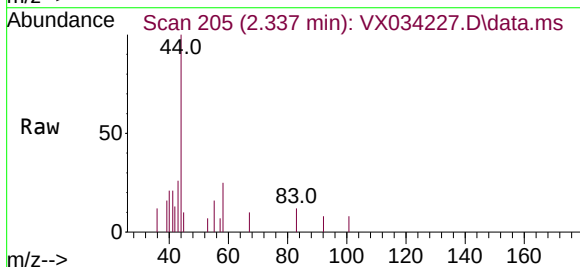
Instrument :
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ClientSampleId :
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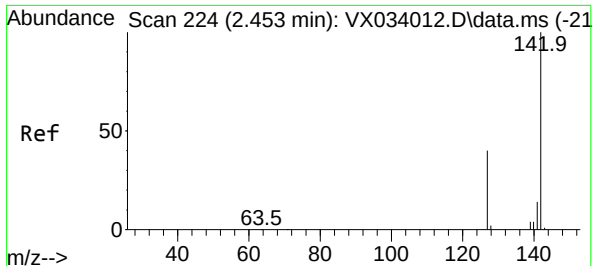
Tgt Ion: 74 Resp: 80
Ion Ratio Lower Upper
74 100
45 191.3 51.5 154.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.013 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

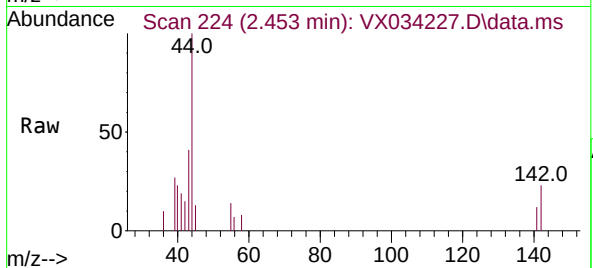
Tgt Ion:101 Resp: 45
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 66.5 99.7#



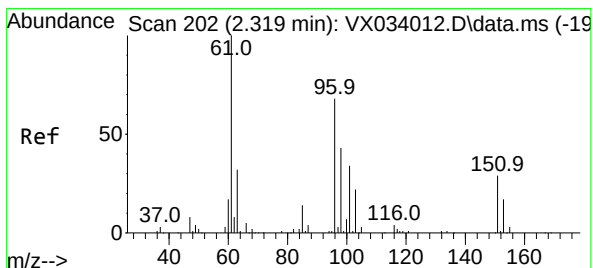
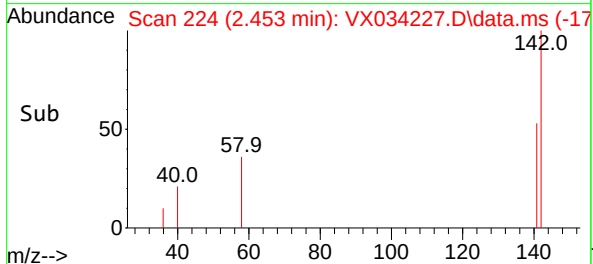
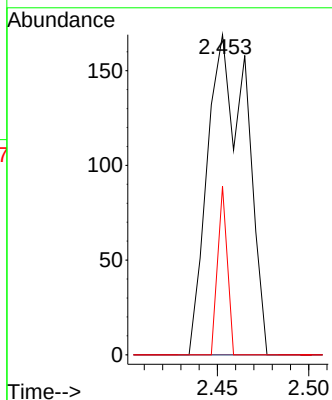


#10
Methyl Iodide
Concen: 0.060 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Instrument :
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ClientSampleId :
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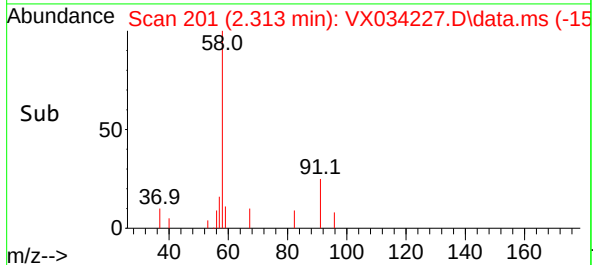
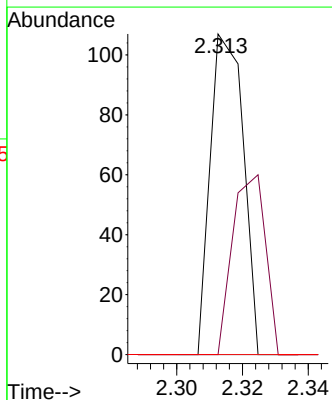
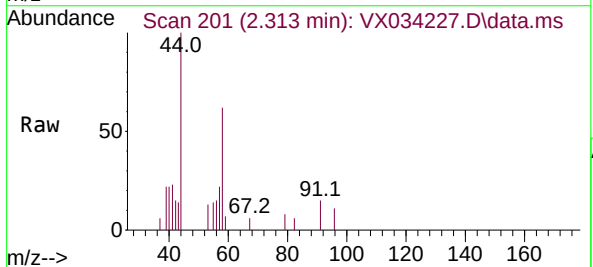


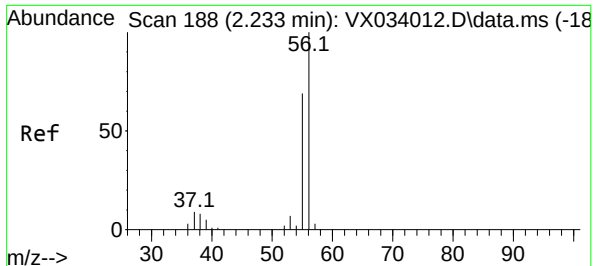
Tgt Ion:142 Resp: 250
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 13.2 11.5 17.3



#12
1,1-Dichloroethene
Concen: 0.022 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 96 Resp: 75
Ion Ratio Lower Upper
96 100
61 0.0 134.2 201.4#
98 0.0 50.2 75.2#

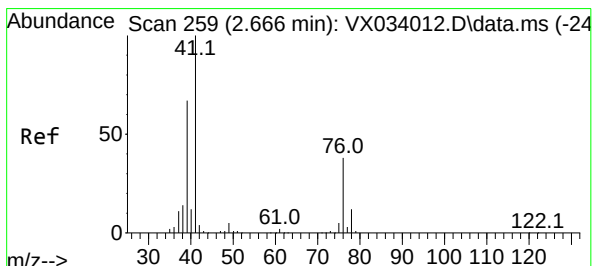
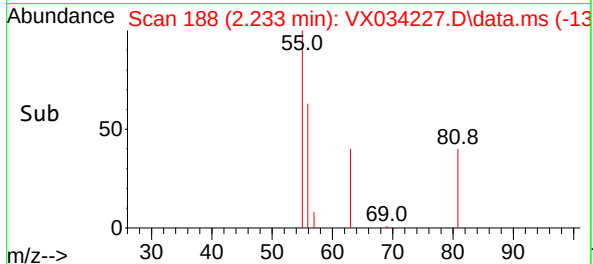
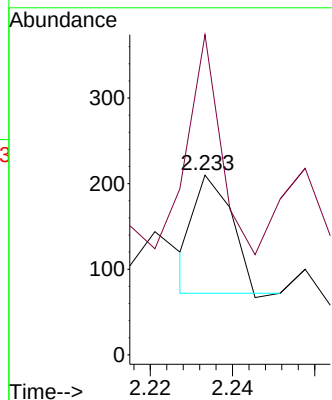
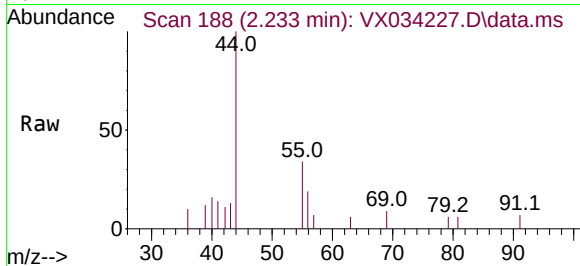




#13
Acrolein
Concen: 0.195 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

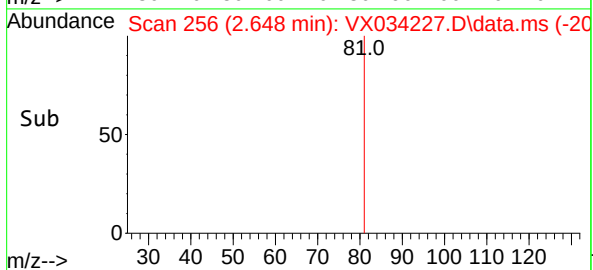
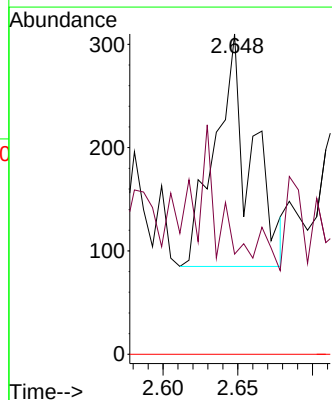
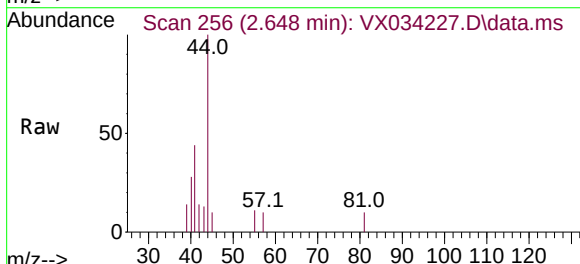
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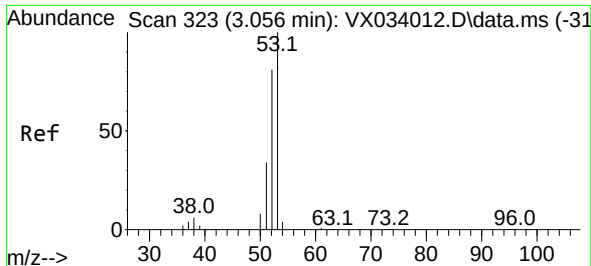
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Ion Ratio Lower Upper
56 100
55 169.4 56.3 84.5#



#14
Allyl chloride
Concen: 0.052 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.012 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 41 Resp: 380
Ion Ratio Lower Upper
41 100
39 0.0 59.0 88.4#
76 0.0 24.6 37.0#





#15

Acrylonitrile

Concen: 0.061 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

WEIR-TANK-MUD

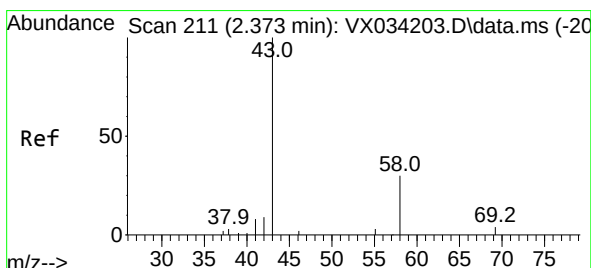
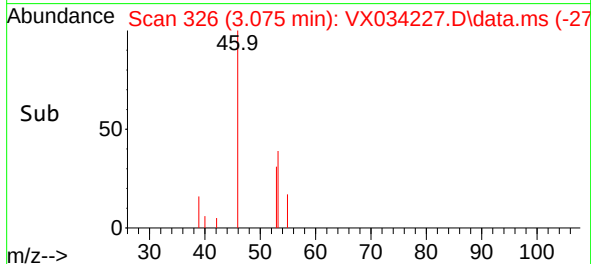
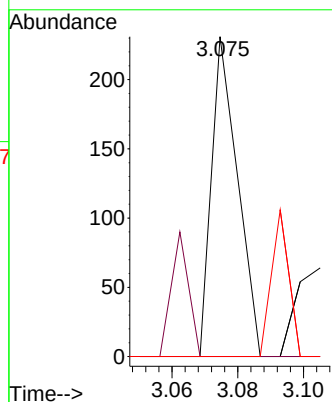
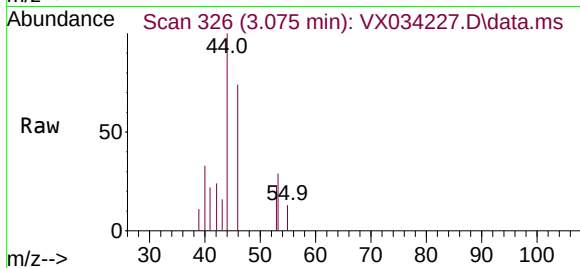
Tgt Ion: 53 Resp: 127

Ion Ratio Lower Upper

53 100

52 26.0 65.7 98.5#

51 0.0 29.0 43.4#



#16

Acetone

Concen: 31.662 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034227.D

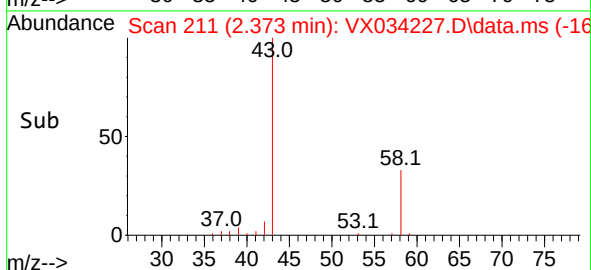
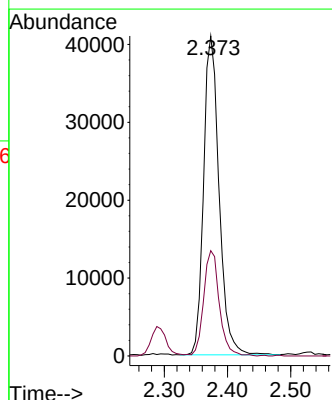
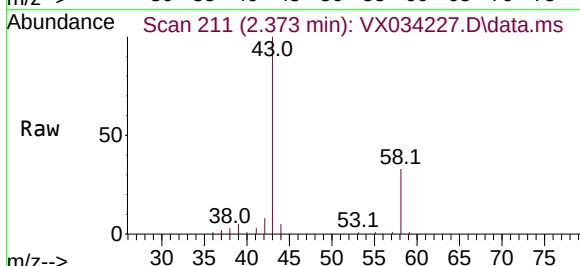
Acq: 22 Feb 2023 14:36

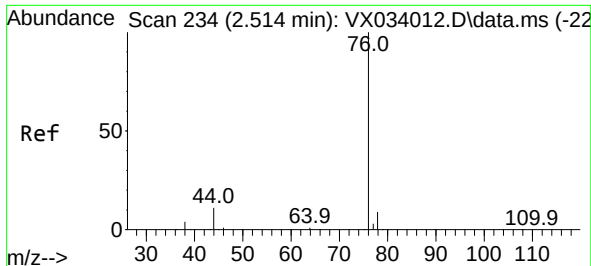
Tgt Ion: 43 Resp: 69828

Ion Ratio Lower Upper

43 100

58 32.8 22.6 33.8

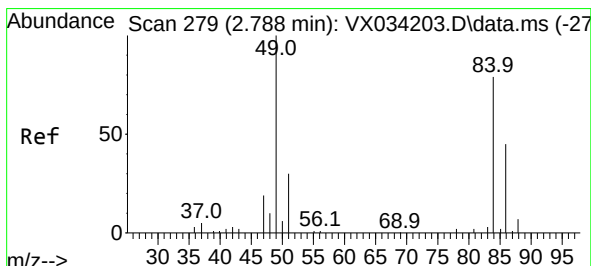
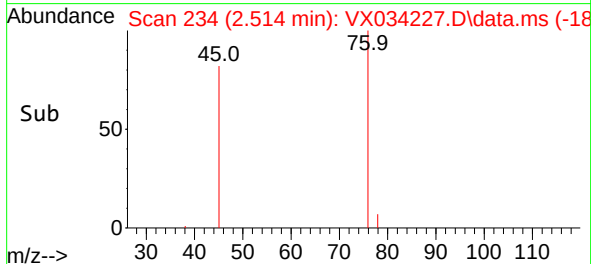
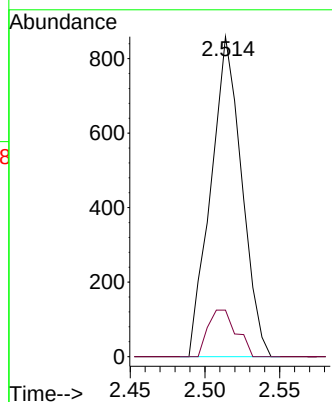
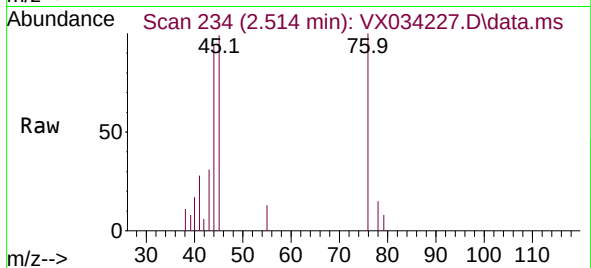




#17
Carbon Disulfide
Concen: 0.125 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

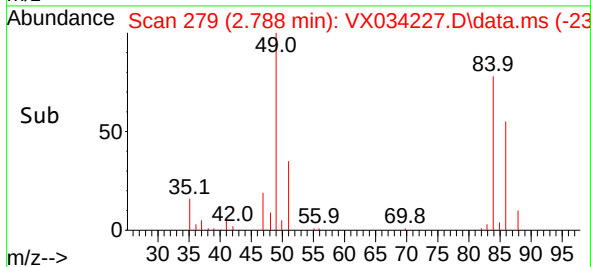
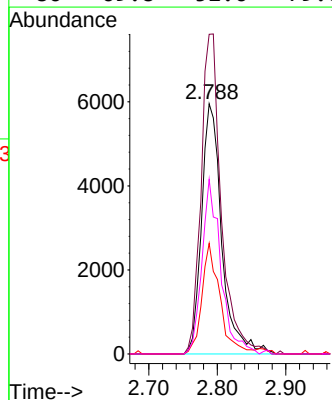
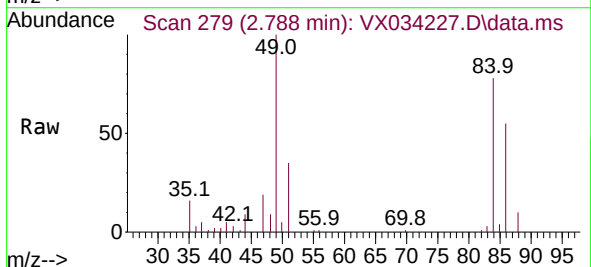
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

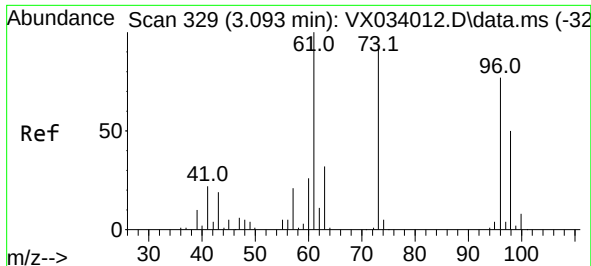
Tgt Ion: 76 Resp: 1234
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.6#



#20
Methylene Chloride
Concen: 3.078 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 84 Resp: 12230
Ion Ratio Lower Upper
84 100
49 127.7 101.1 151.7
51 44.2 31.0 46.6
86 69.8 52.6 79.0

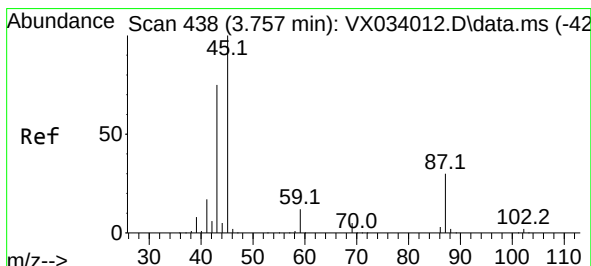
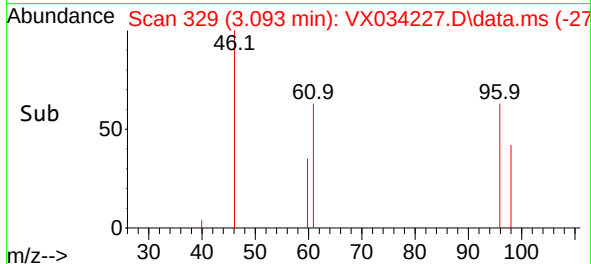
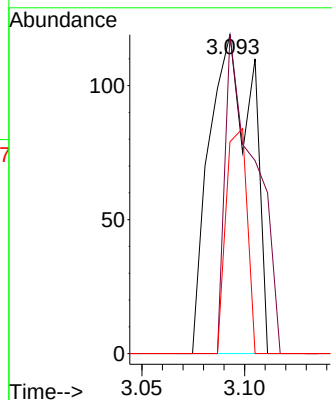
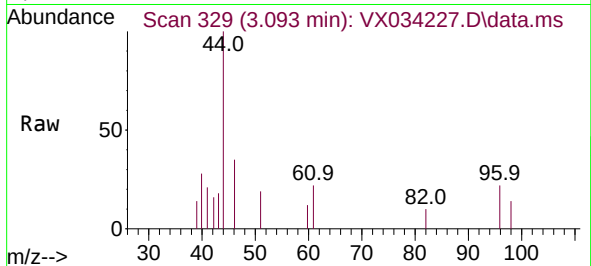




#21
trans-1,2-Dichloroethene
Concen: 0.048 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

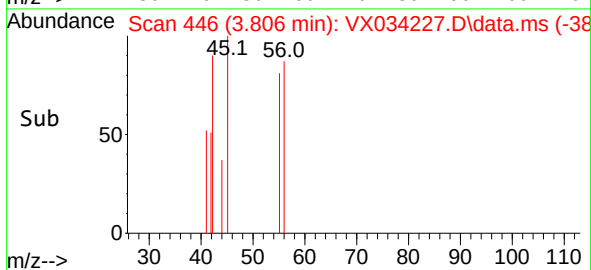
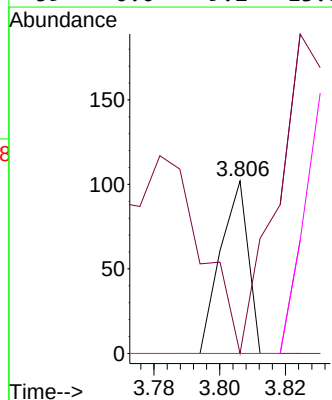
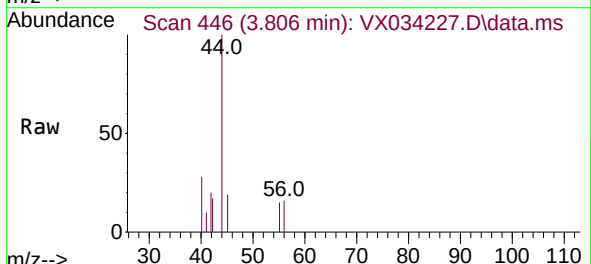
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

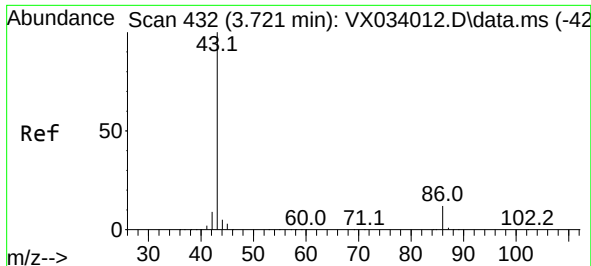
Tgt Ion: 96 Resp: 173
Ion Ratio Lower Upper
96 100
61 100.0 106.7 160.1#
98 66.4 50.0 75.0



#22
Diisopropyl ether
Concen: 0.005 ug/l
RT: 3.806 min Scan# 446
Delta R.T. 0.049 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 45 Resp: 60
Ion Ratio Lower Upper
45 100
43 0.0 64.6 97.0#
87 0.0 21.9 32.9#
59 0.0 9.2 13.8#

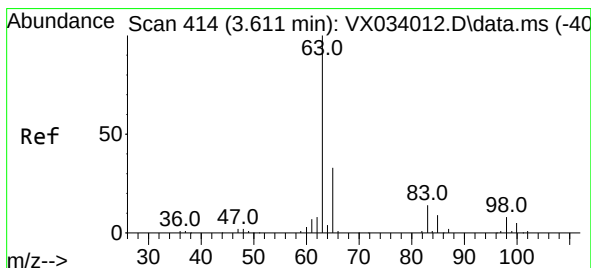
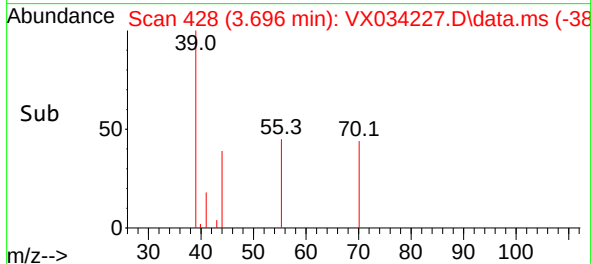
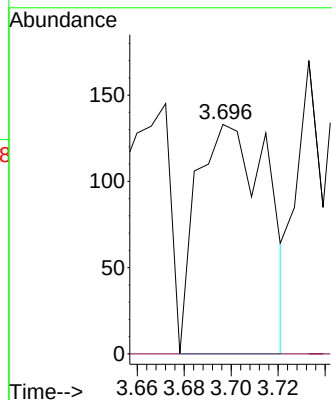
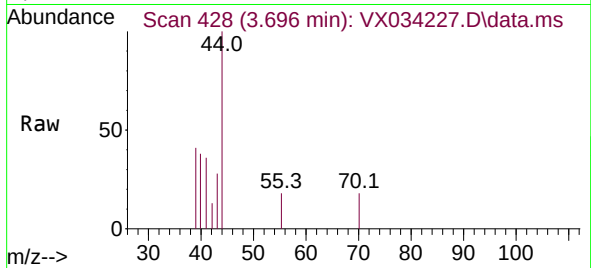




#23
 Vinyl Acetate
 Concen: 0.027 ug/l
 RT: 3.696 min Scan# 412
 Delta R.T. -0.018 min
 Lab File: VX034227.D
 Acq: 22 Feb 2023 14:36

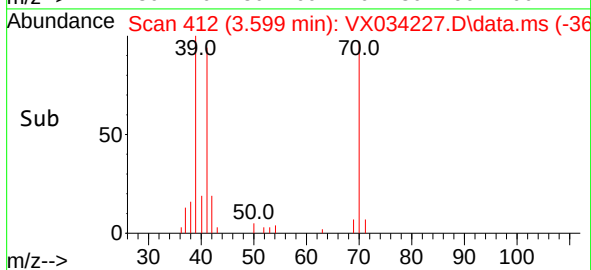
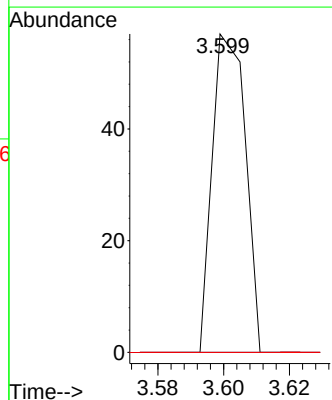
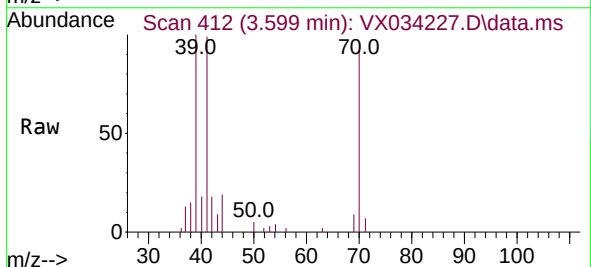
Instrument :
 MSVOA_X
 ClientSampleId :
 WEIR-TANK-MUD

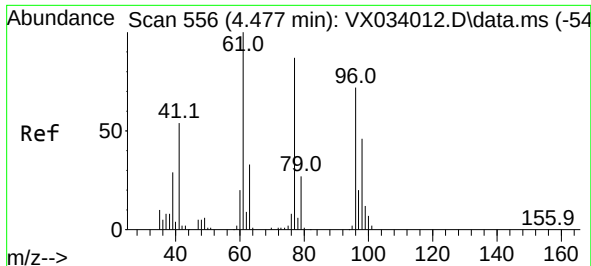
Tgt Ion: 43 Resp: 278
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 0.006 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX034227.D
 Acq: 22 Feb 2023 14:36

Tgt Ion: 63 Resp: 40
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.2#





#26

2,2-Dichloropropane

Concen: 0.004 ug/l

RT: 4.471 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

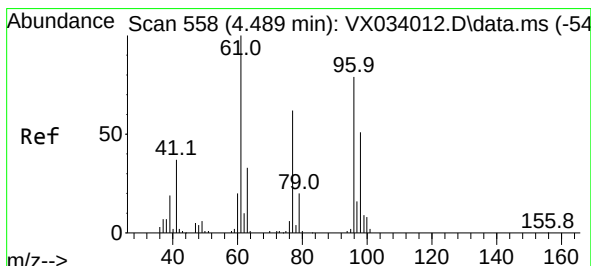
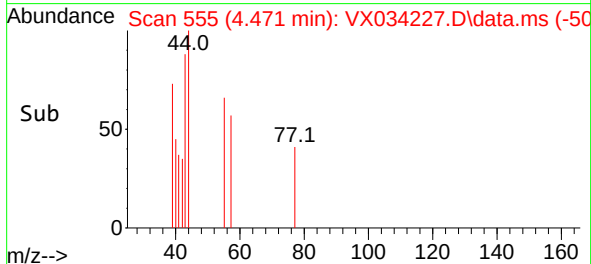
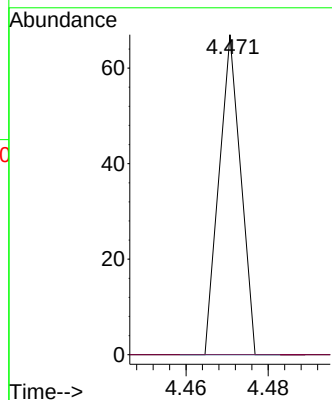
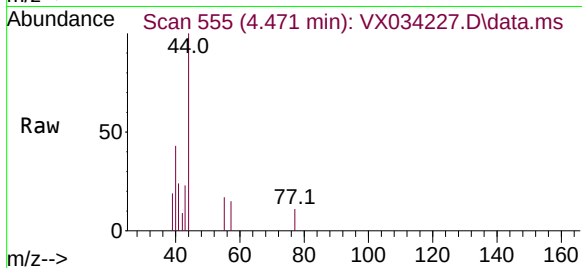
WEIR-TANK-MUD

Tgt Ion: 77 Resp: 25

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#



#27

cis-1,2-Dichloroethene

Concen: 0.005 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

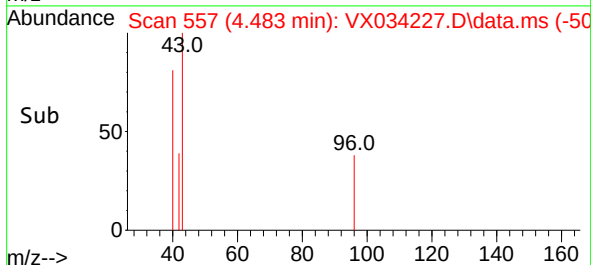
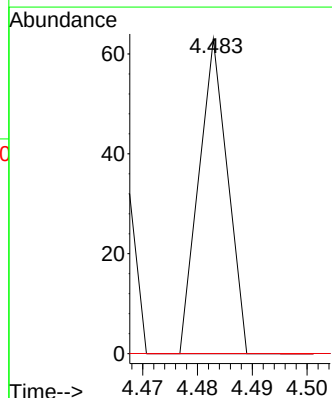
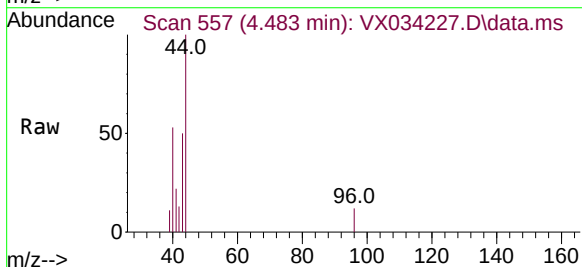
Tgt Ion: 96 Resp: 23

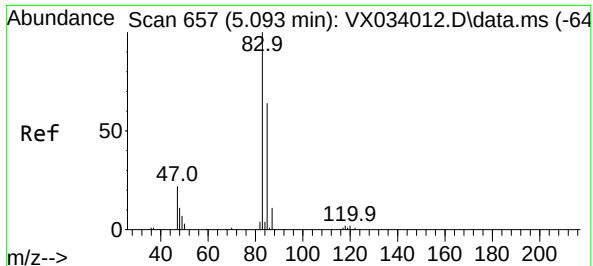
Ion Ratio Lower Upper

96 100

61 0.0 0.0 277.6

98 0.0 0.0 128.0





#30

Chloroform

Concen: 0.003 ug/l

RT: 4.910 min Scan# 61

Delta R.T. -0.183 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

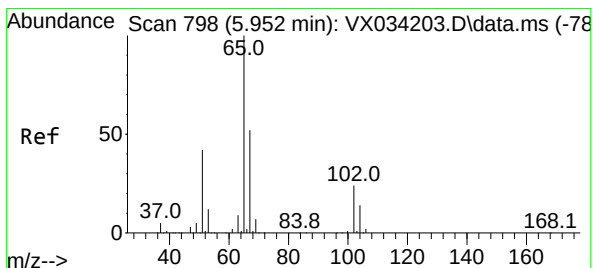
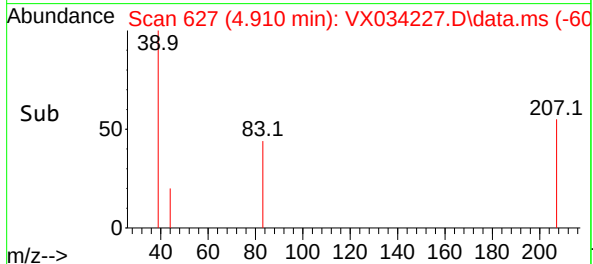
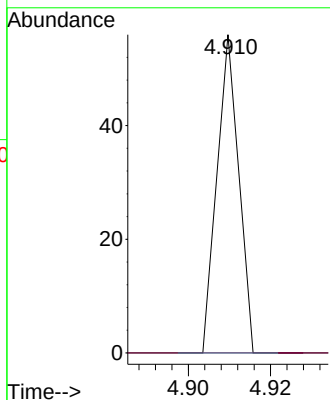
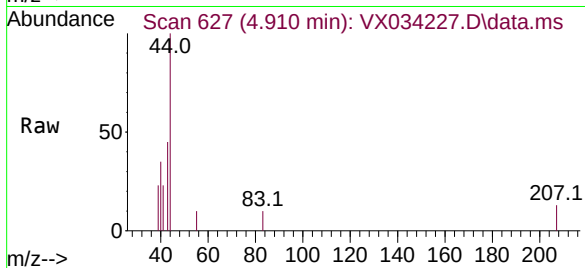
WEIR-TANK-MUD

Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#



#33

1,2-Dichloroethane-d4

Concen: 44.262 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034227.D

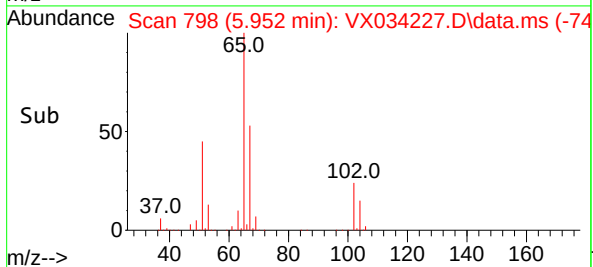
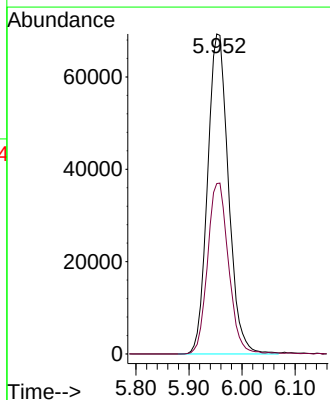
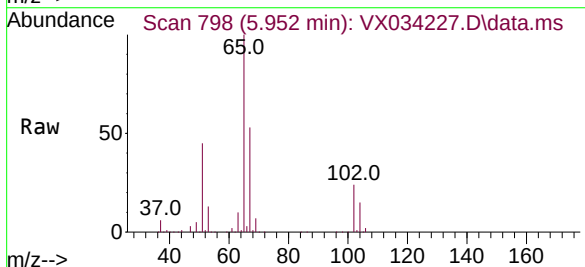
Acq: 22 Feb 2023 14:36

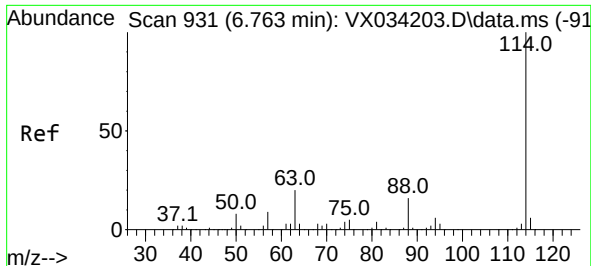
Tgt Ion: 65 Resp: 189235

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8

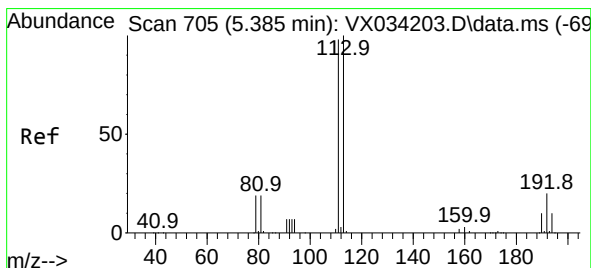
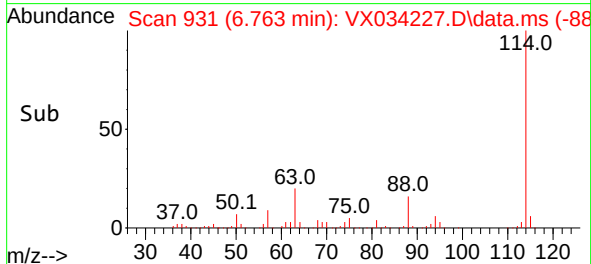
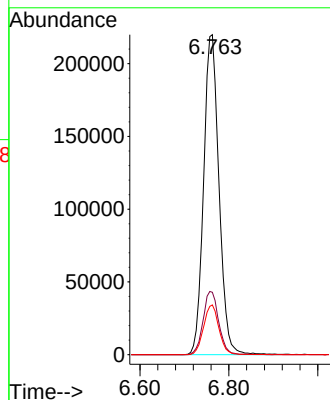
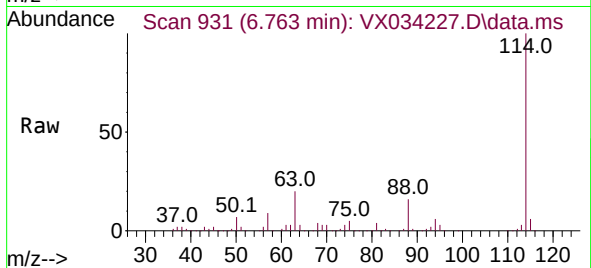




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

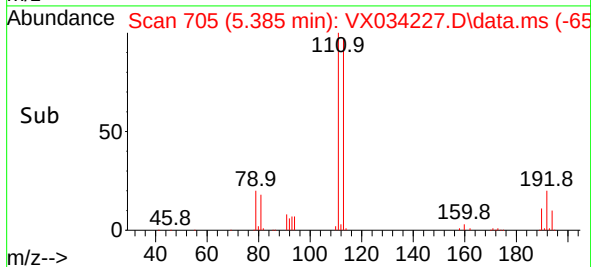
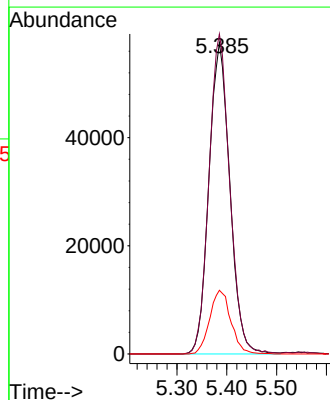
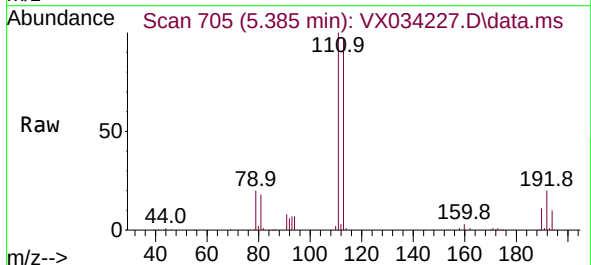
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

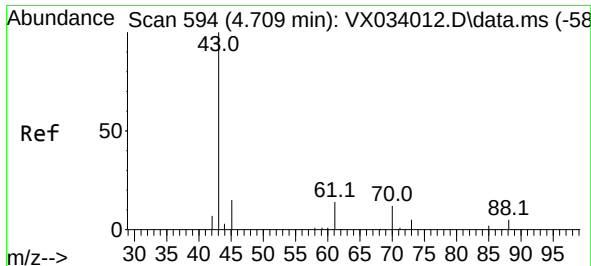
Tgt Ion:114 Resp: 530665
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion:113 Resp: 167832
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.7 19.0 28.4





#37

Ethyl Acetate

Concen: 9.313 ug/l

RT: 4.715 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

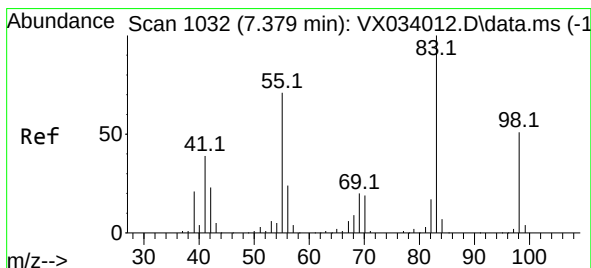
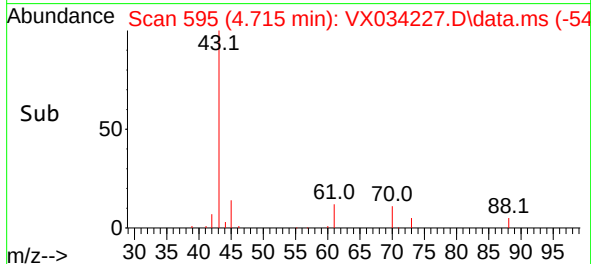
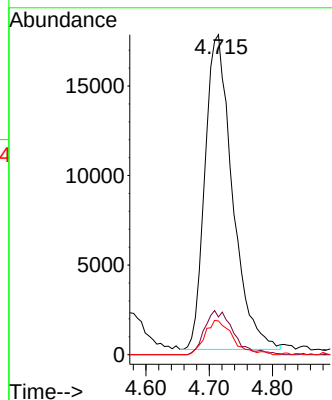
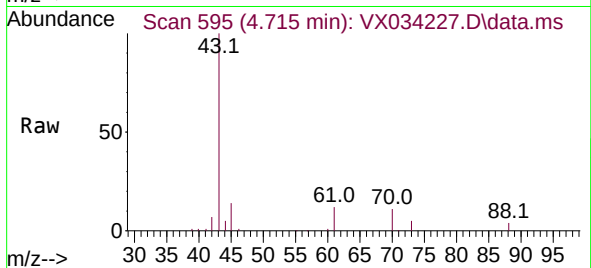
Instrument :

MSVOA_X

ClientSampleId :

WEIR-TANK-MUD

Tgt Ion: 43	Resp: 53185
Ion Ratio	Lower Upper
43	100
61	14.7 11.1 16.7
70	10.7 8.5 12.7



#39

Methylcyclohexane

Concen: 0.003 ug/l

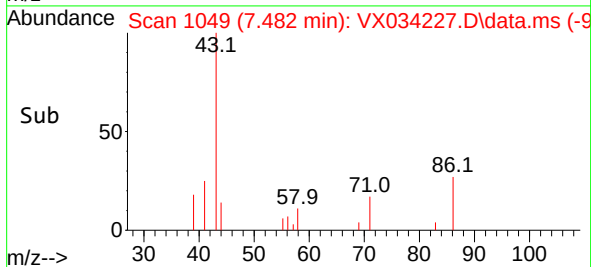
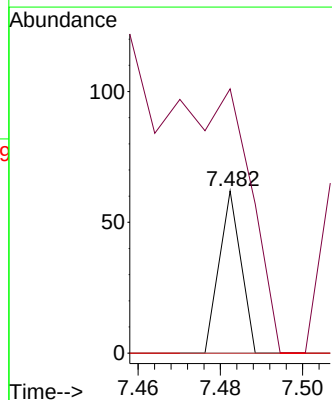
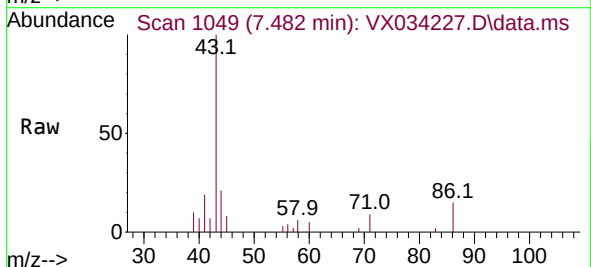
RT: 7.482 min Scan# 1049

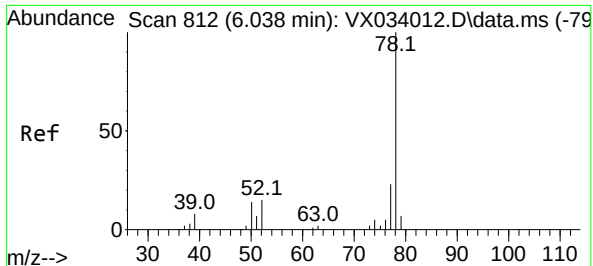
Delta R.T. 0.104 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Tgt Ion: 83	Resp: 23
Ion Ratio	Lower Upper
83	100
55	162.9 61.8 92.6#
98	0.0 39.3 58.9#





#40

Benzene

Concen: 0.026 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

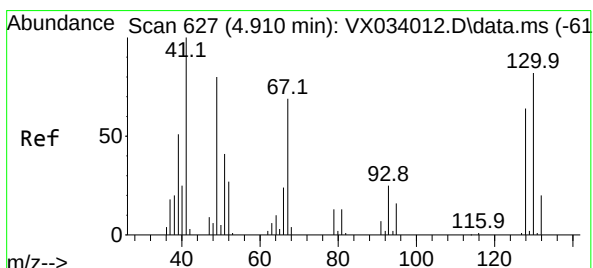
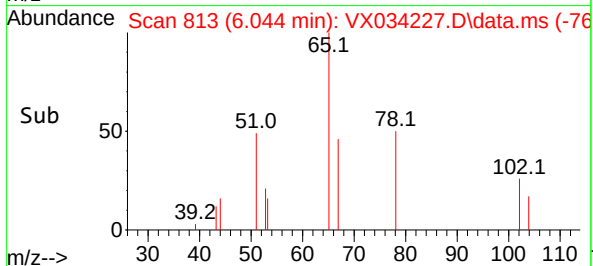
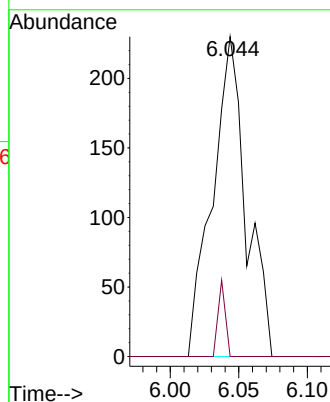
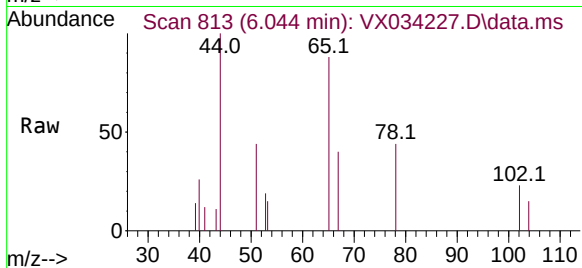
WEIR-TANK-MUD

Tgt Ion: 78 Resp: 393

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#



#41

Methacrylonitrile

Concen: 0.111 ug/l

RT: 4.928 min Scan# 630

Delta R.T. 0.012 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Tgt Ion: 41 Resp: 354

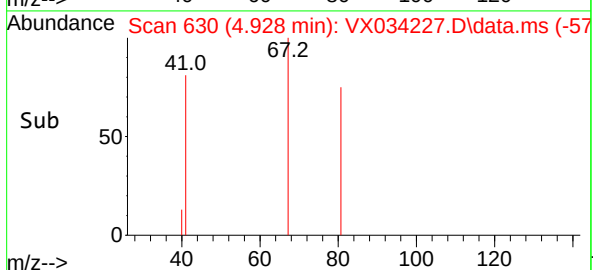
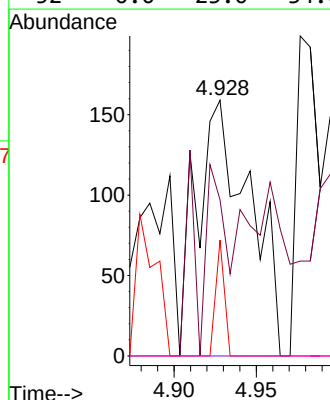
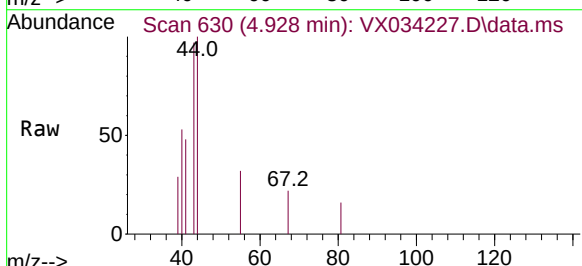
Ion Ratio Lower Upper

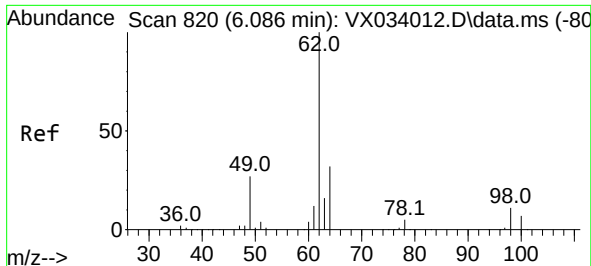
41 100

39 27.7 43.8 65.6#

67 7.3 54.8 82.2#

52 0.0 23.0 34.6#





#42

1,2-Dichloroethane

Concen: 0.105 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

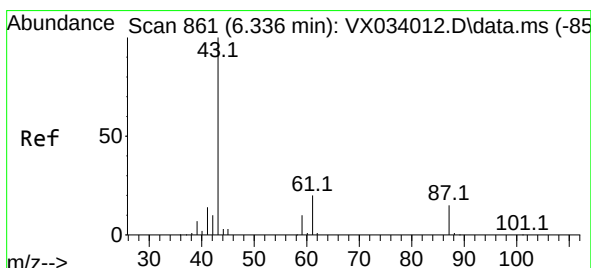
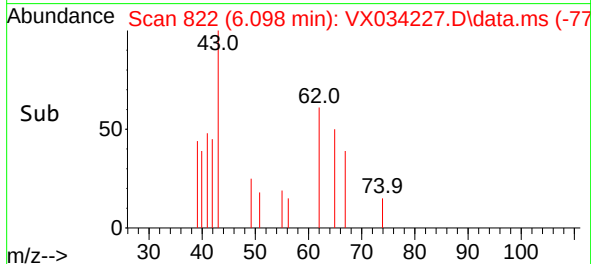
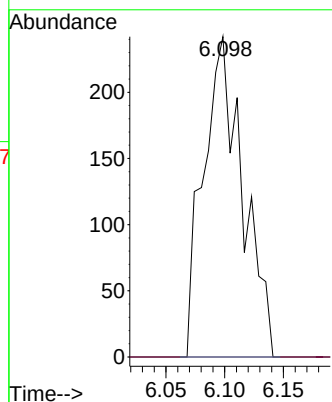
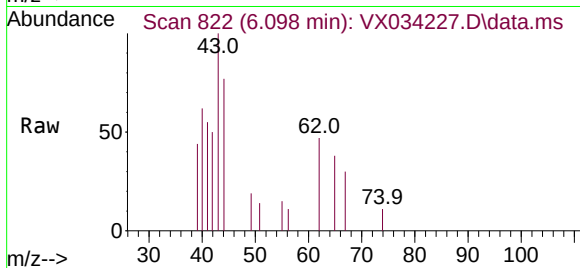
WEIR-TANK-MUD

Tgt Ion: 62 Resp: 561

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 23.339 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

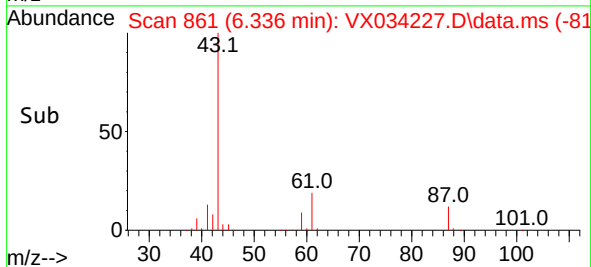
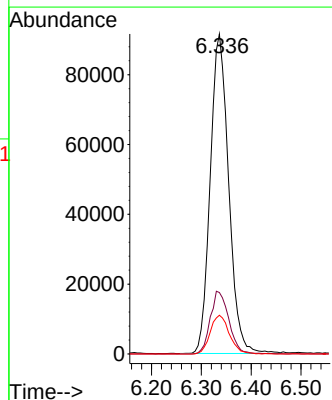
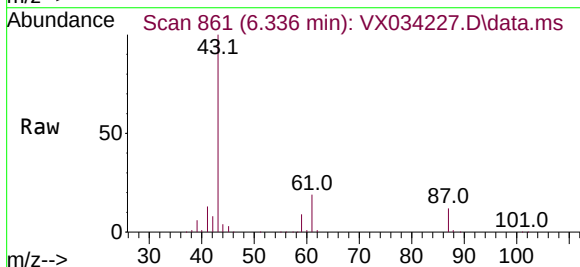
Tgt Ion: 43 Resp: 235196

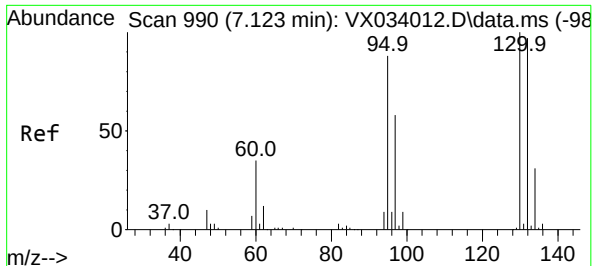
Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

87 12.5 10.6 15.8

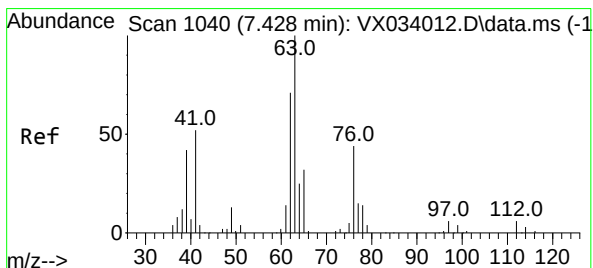
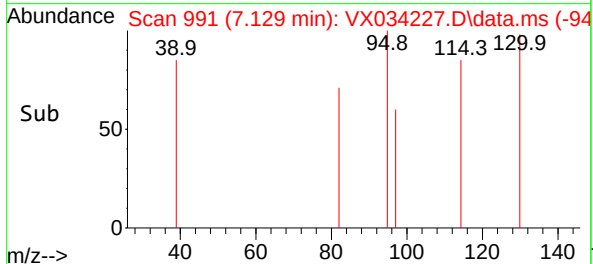
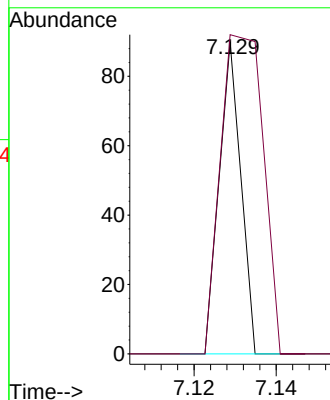
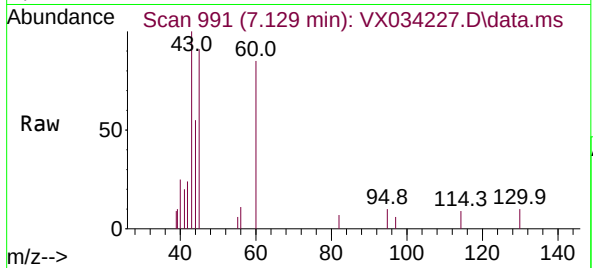




#44
Trichloroethene
Concen: 0.008 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

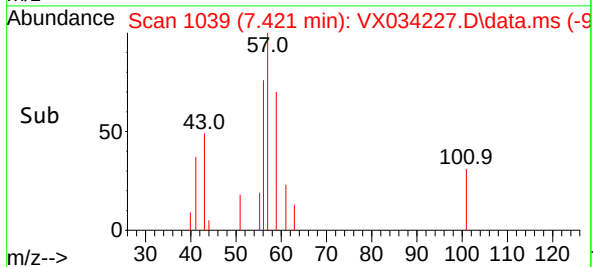
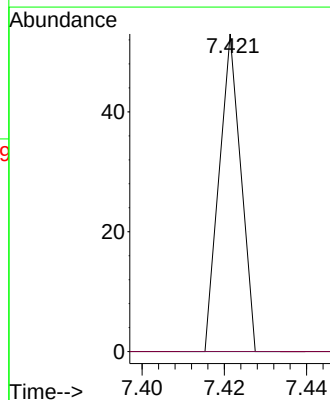
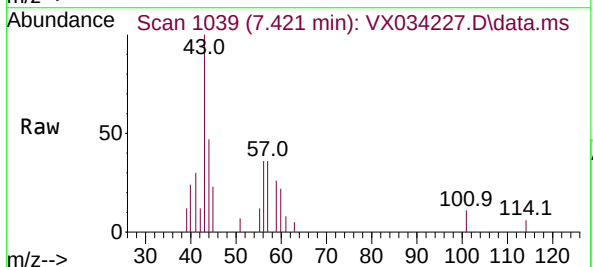
Instrument :
MSVOA_X
ClientSampleId :
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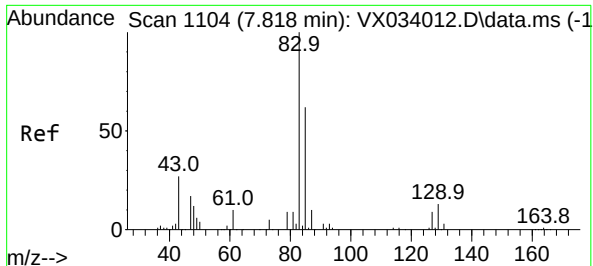
Tgt Ion:130 Resp: 33
Ion Ratio Lower Upper
130 100
95 102.2 0.0 182.6



#45
1,2-Dichloropropane
Concen: 0.005 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#

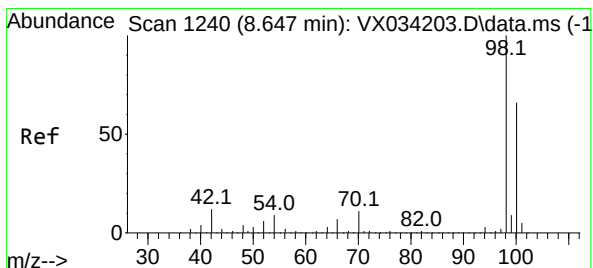
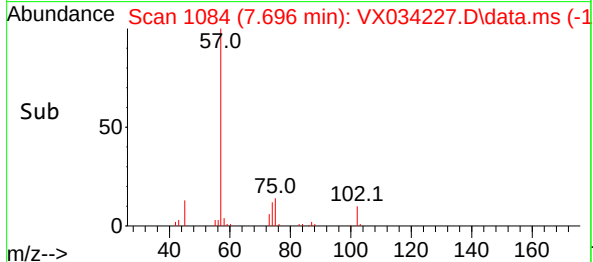
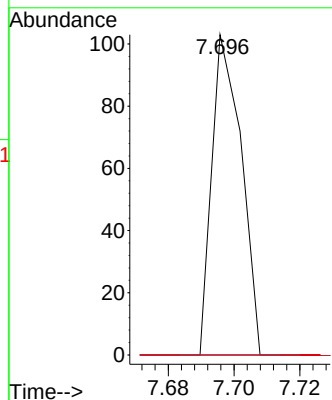
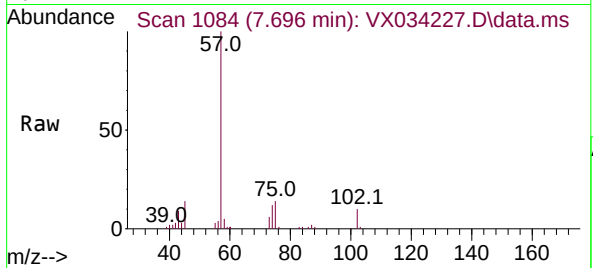




#47
Bromodichloromethane
Concen: 0.012 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.122 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

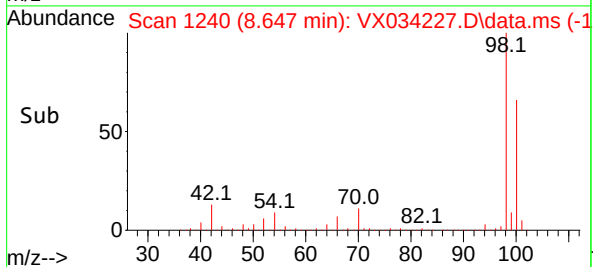
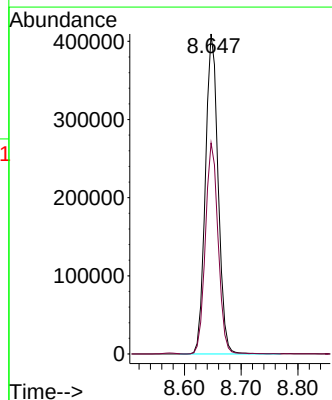
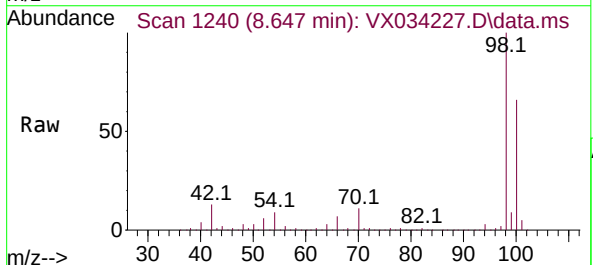
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

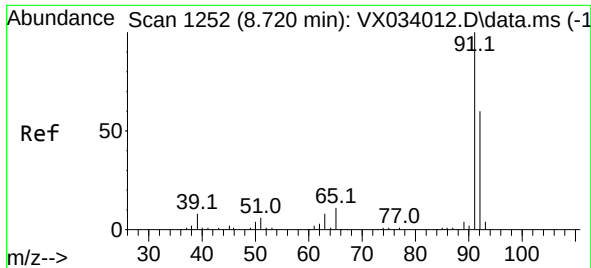
Tgt Ion: 83 Resp: 64
Ion Ratio Lower Upper
83 100
85 0.0 49.8 74.6#
127 0.0 7.0 10.4#



#50
Toluene-d8
Concen: 51.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 98 Resp: 638819
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4

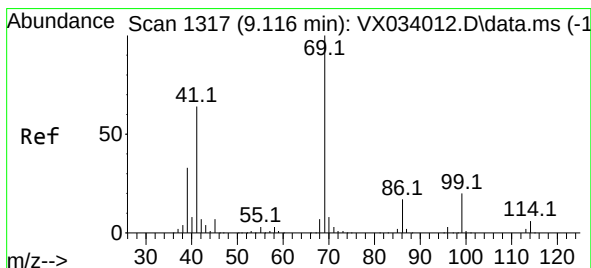
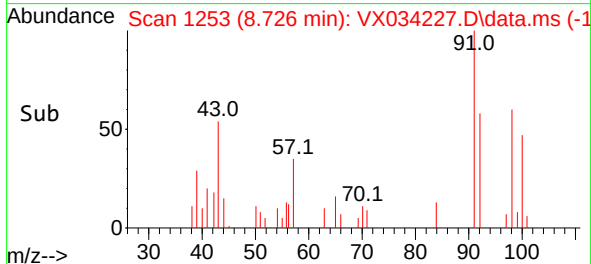
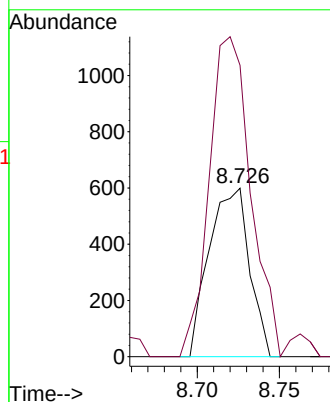
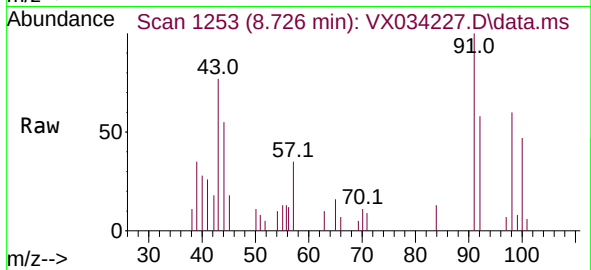




#52
Toluene
Concen: 0.111 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

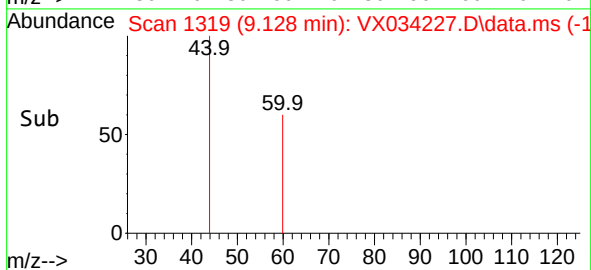
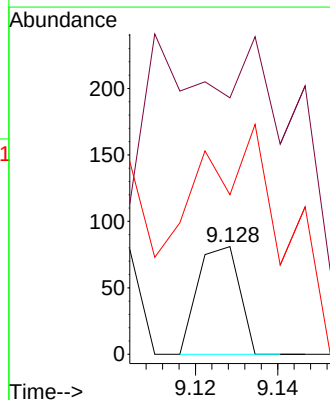
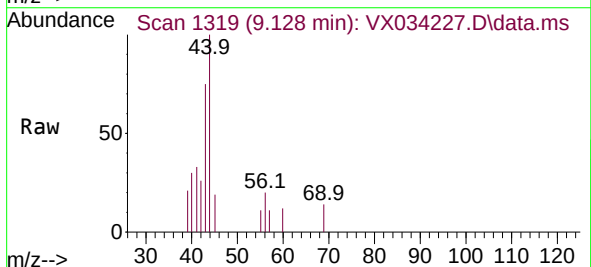
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

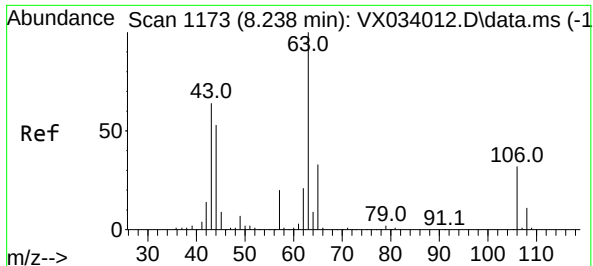
Tgt Ion: 92 Resp: 1022
Ion Ratio Lower Upper
92 100
91 197.7 135.5 203.3



#56
Ethyl methacrylate
Concen: 0.009 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 0.0 55.1 82.7#
39 0.0 28.5 42.7#

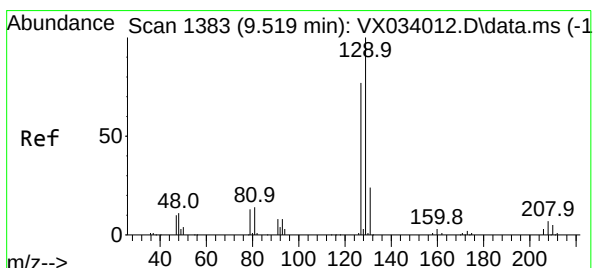
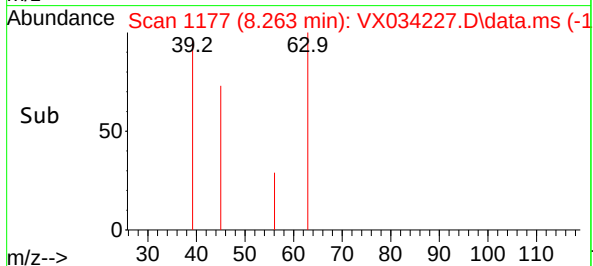
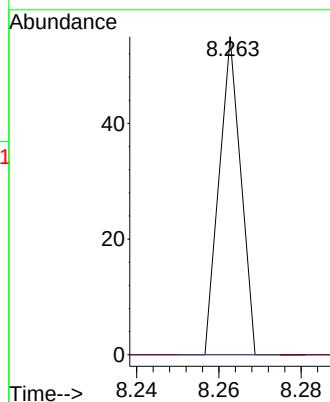
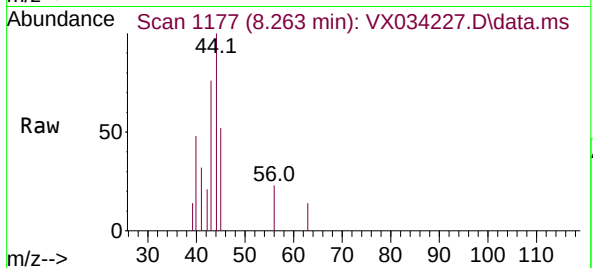




#58
2-Chloroethyl Vinyl ether
Concen: 0.007 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.025 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

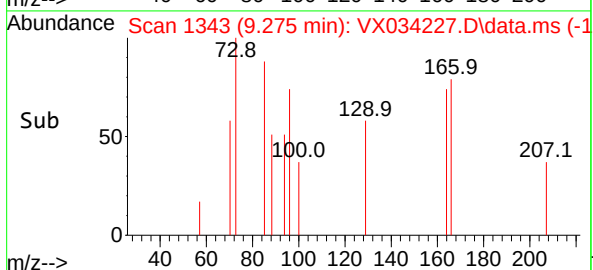
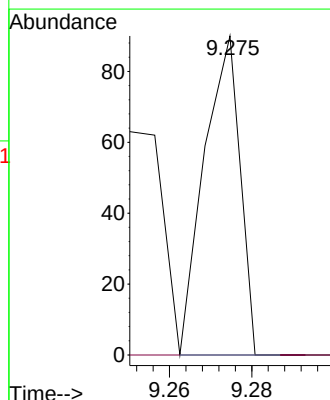
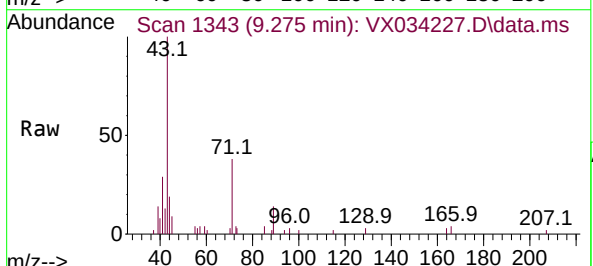
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

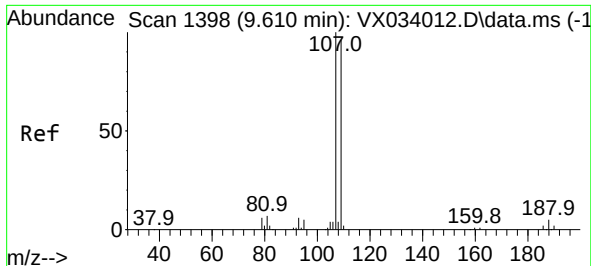
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 24.5 36.7#



#60
Dibromochloromethane
Concen: 0.013 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 129 Resp: 54
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#

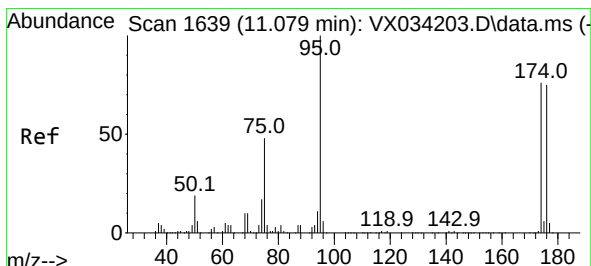
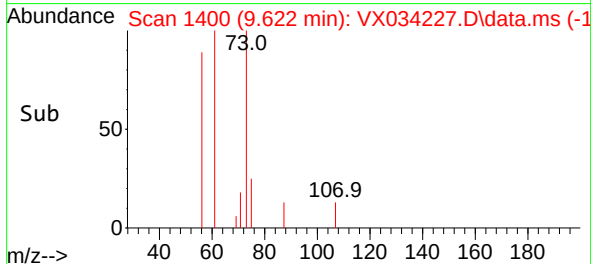
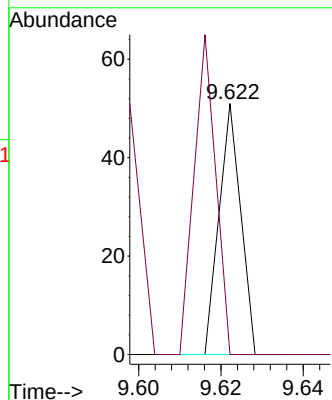
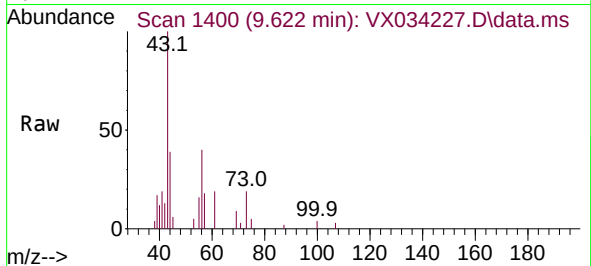




#61
1,2-Dibromoethane
Concen: 0.005 ug/l
RT: 9.622 min Scan# 1400
Delta R.T. 0.012 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

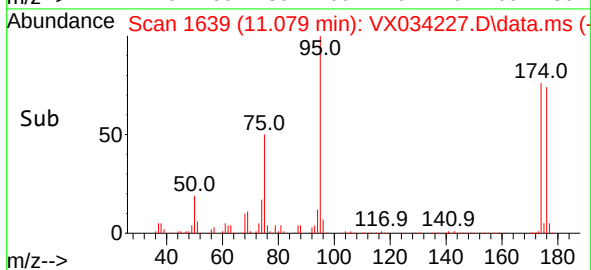
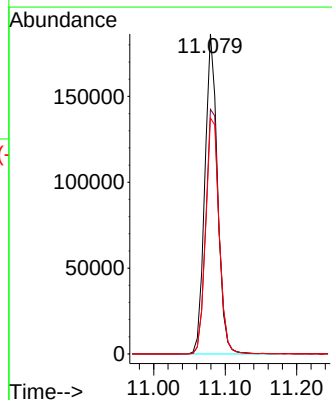
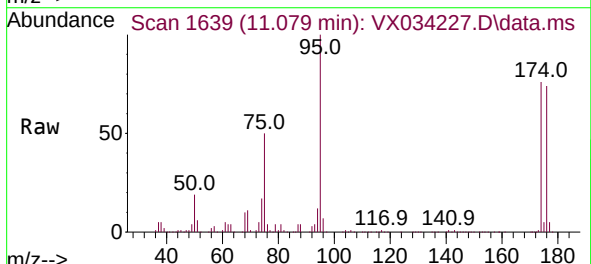
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

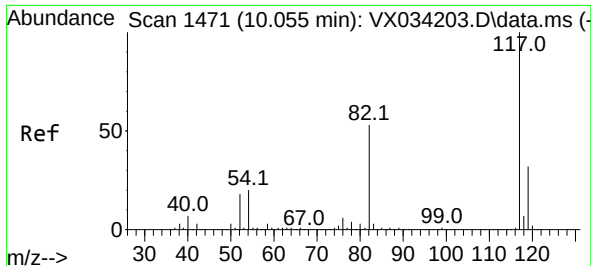
Tgt Ion:107 Resp: 19
Ion Ratio Lower Upper
107 100
109 126.3 74.2 111.2#



#62
4-Bromofluorobenzene
Concen: 48.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 95 Resp: 229488
Ion Ratio Lower Upper
95 100
174 80.4 0.0 184.4
176 78.1 0.0 178.8

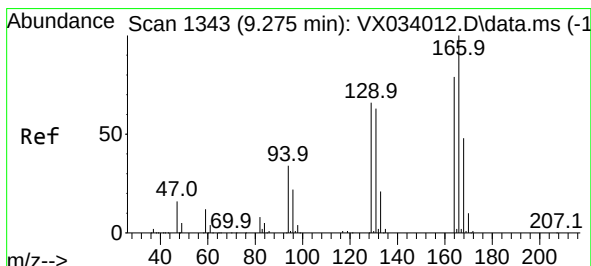
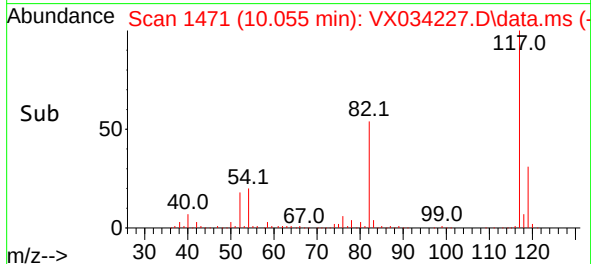
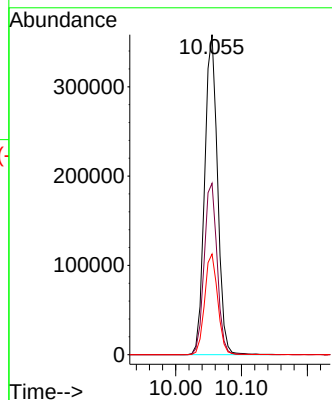
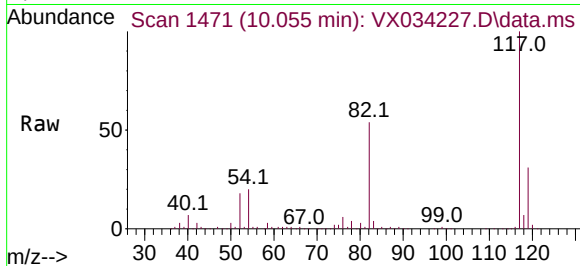




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

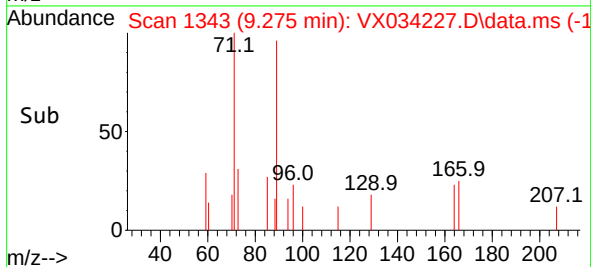
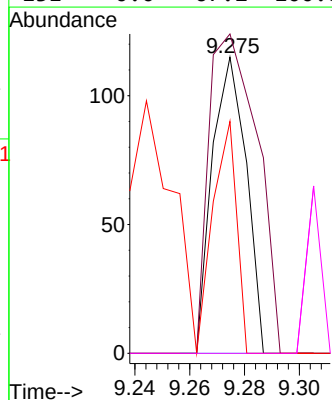
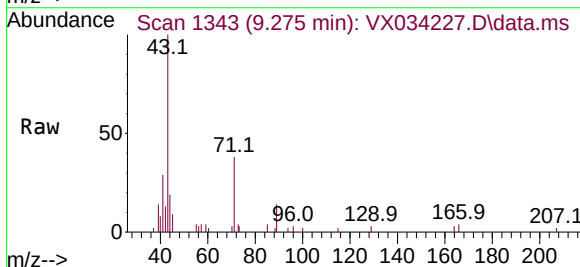
Instrument :
MSVOA_X
ClientSampleId :
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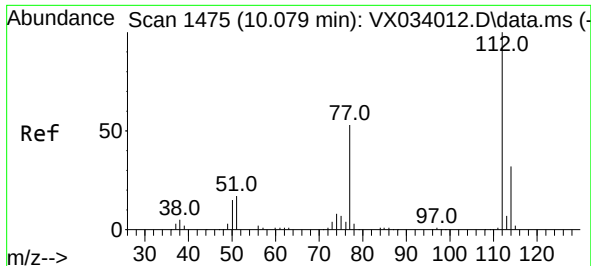
Tgt Ion:117 Resp: 488485
Ion Ratio Lower Upper
117 100
82 53.5 40.6 60.8
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 0.029 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion:164 Resp: 99
Ion Ratio Lower Upper
164 100
166 107.8 100.2 150.2
129 78.3 69.2 103.8
131 0.0 67.2 100.8#

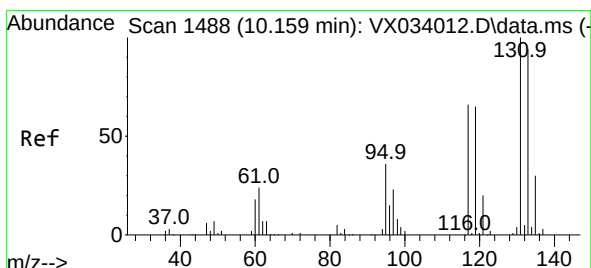
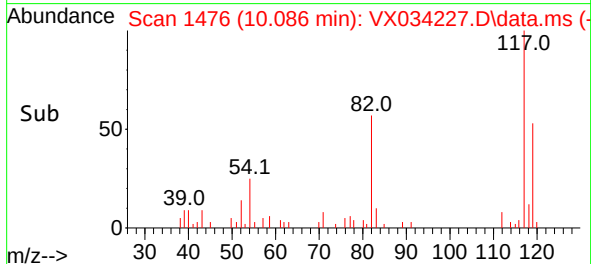
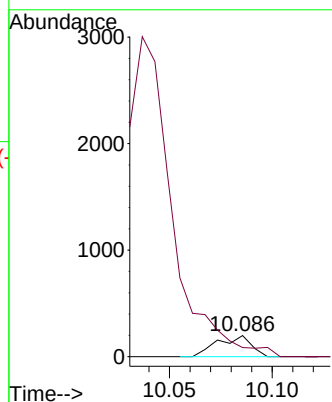
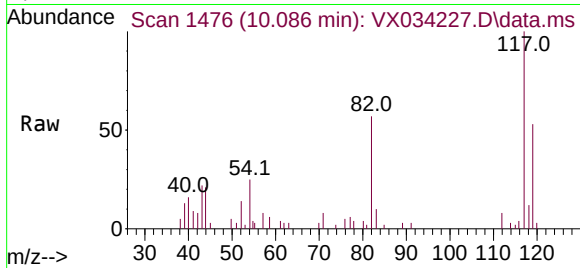




#65
Chlorobenzene
Concen: 0.022 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

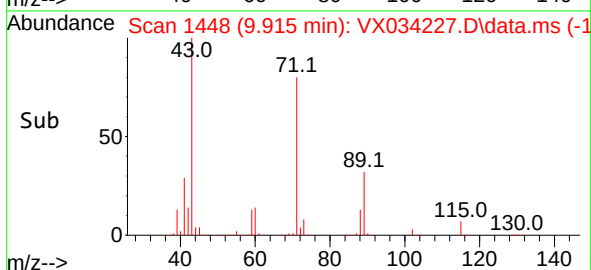
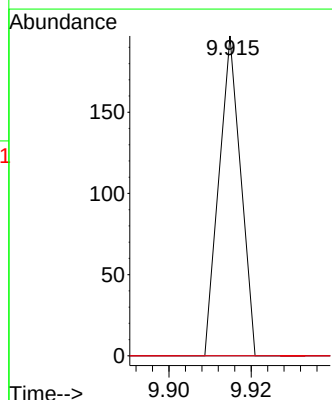
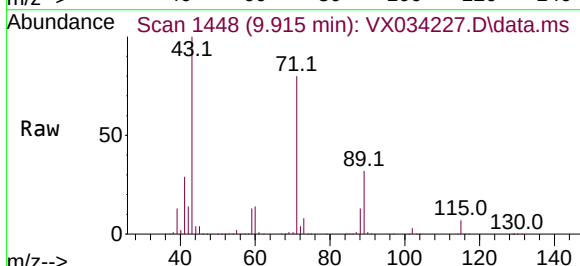
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

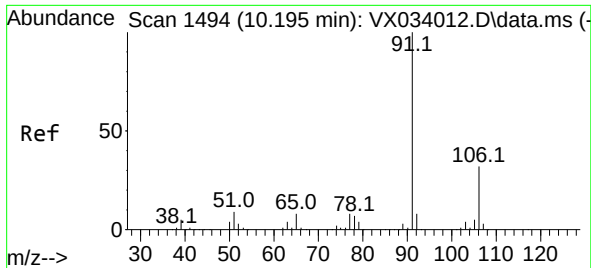
Tgt Ion:112 Resp: 228
Ion Ratio Lower Upper
112 100
114 43.2 26.2 39.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.018 ug/l
RT: 9.915 min Scan# 1448
Delta R.T. -0.250 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion:131 Resp: 72
Ion Ratio Lower Upper
131 100
133 0.0 48.4 145.0#
119 0.0 31.9 95.7#

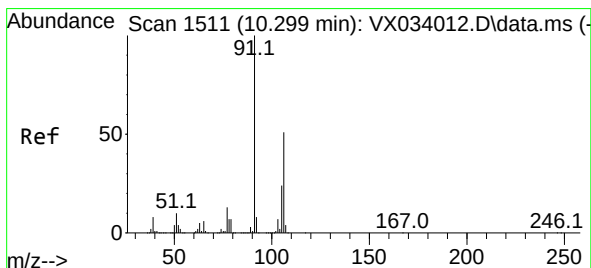
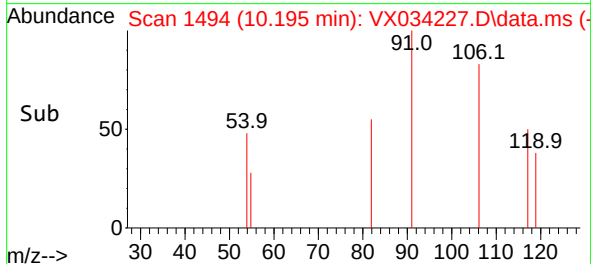
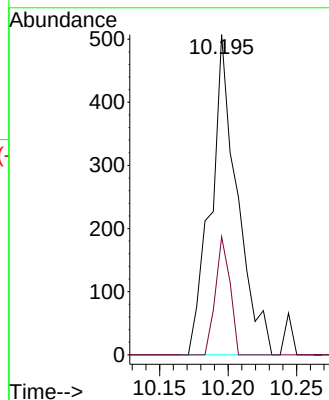
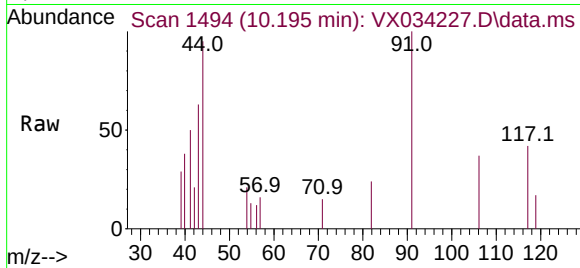




#67
Ethyl Benzene
Concen: 0.037 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

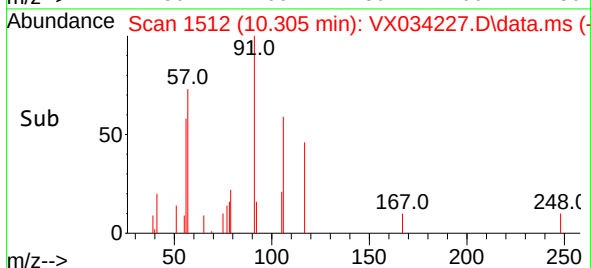
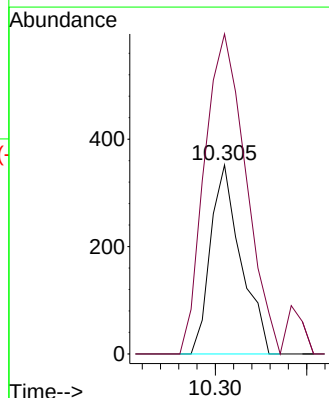
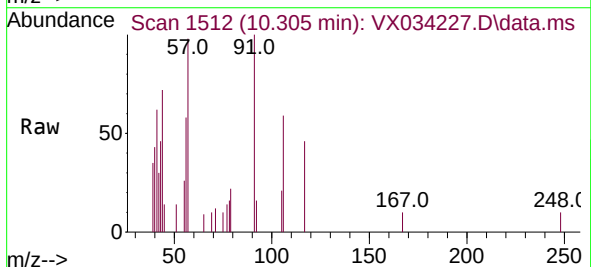
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

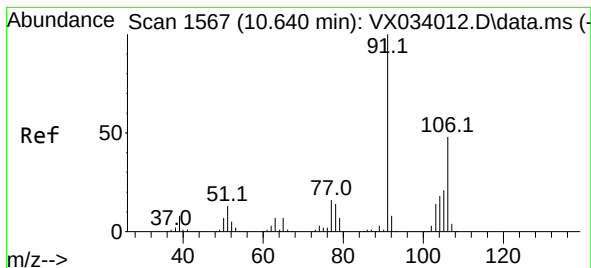
Tgt Ion: 91 Resp: 676
Ion Ratio Lower Upper
91 100
106 36.9 25.8 38.8



#68
m/p-Xylenes
Concen: 0.058 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 106 Resp: 406
Ion Ratio Lower Upper
106 100
91 230.5 156.4 234.6





#69

o-Xylene

Concen: 0.041 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

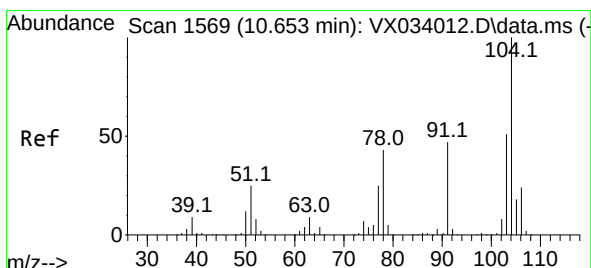
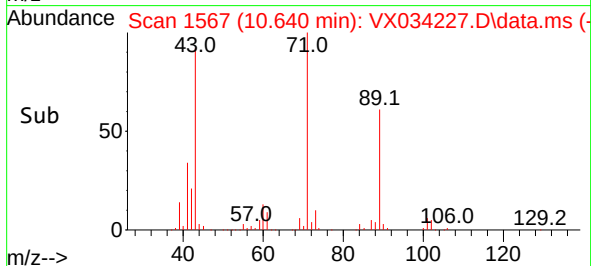
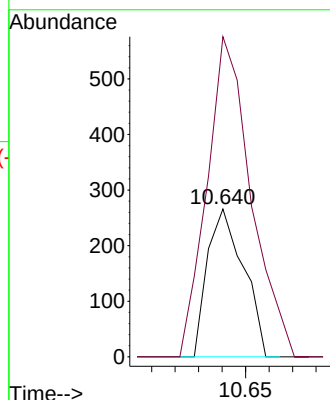
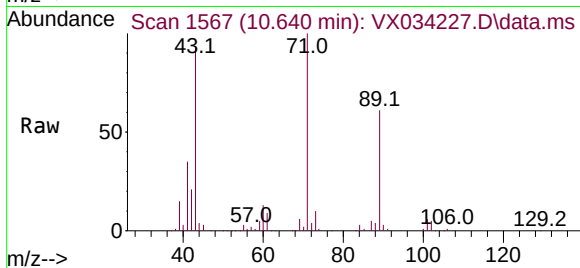
WEIR-TANK-MUD

Tgt Ion:106 Resp: 285

Ion Ratio Lower Upper

106 100

91 263.2 103.1 309.3



#70

Styrene

Concen: 0.030 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

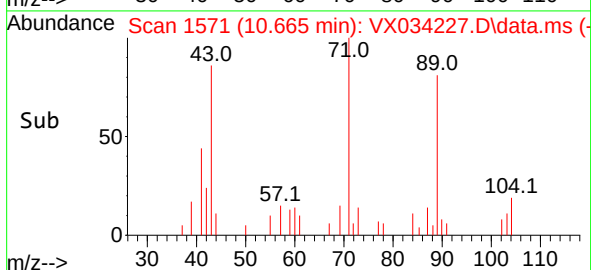
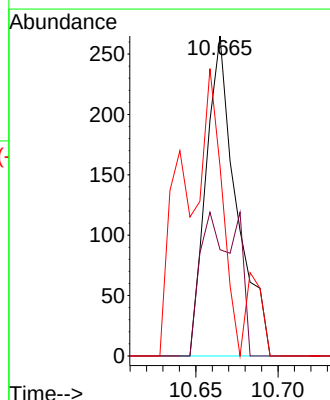
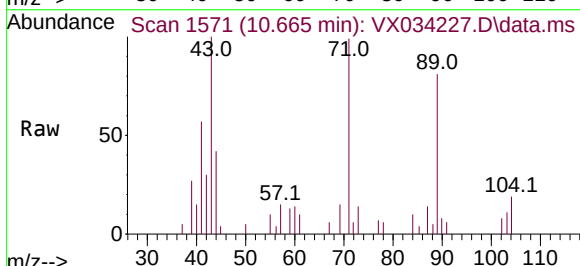
Tgt Ion:104 Resp: 340

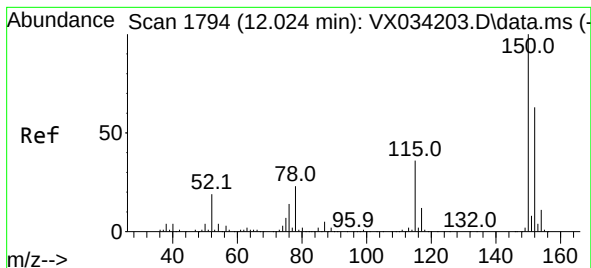
Ion Ratio Lower Upper

104 100

78 53.2 37.5 56.3

103 62.6 43.3 64.9

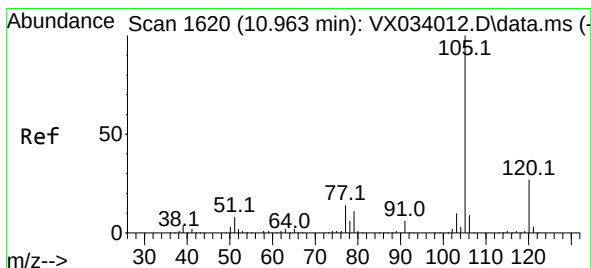
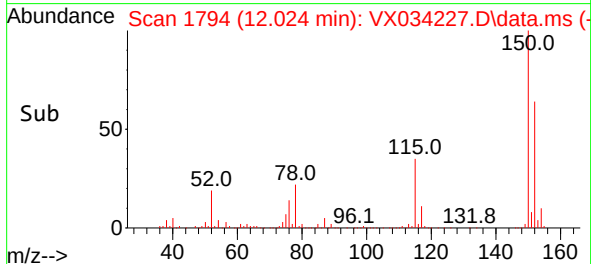
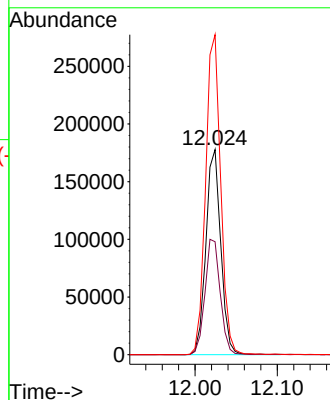
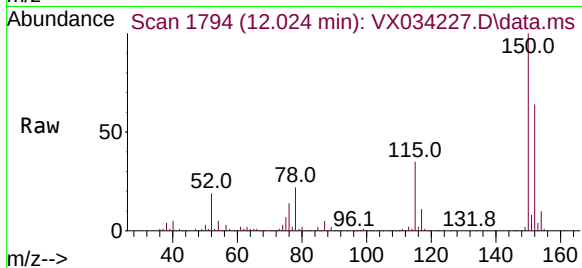




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

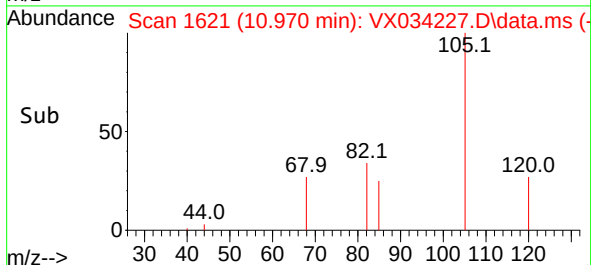
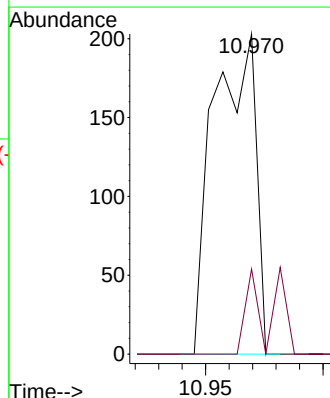
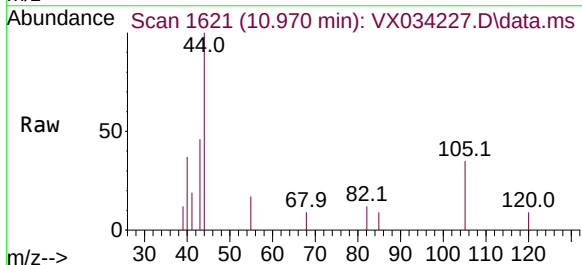
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

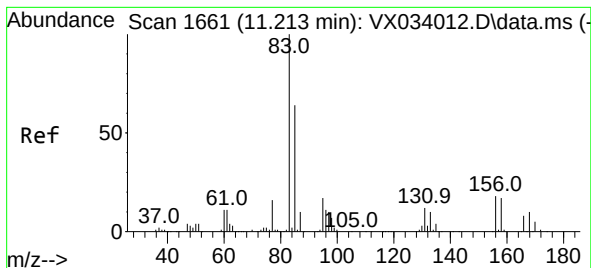
Tgt Ion:152 Resp: 223517
Ion Ratio Lower Upper
152 100
115 57.8 38.7 116.1
150 157.8 0.0 348.2



#73
Isopropylbenzene
Concen: 0.015 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion:105 Resp: 252
Ion Ratio Lower Upper
105 100
120 15.9 13.6 40.8

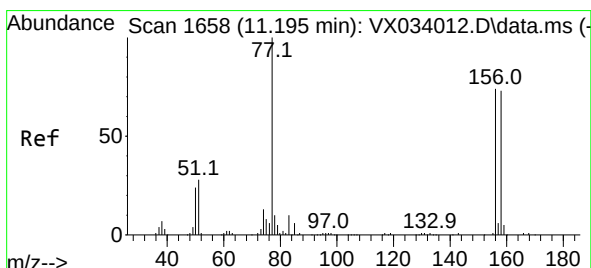
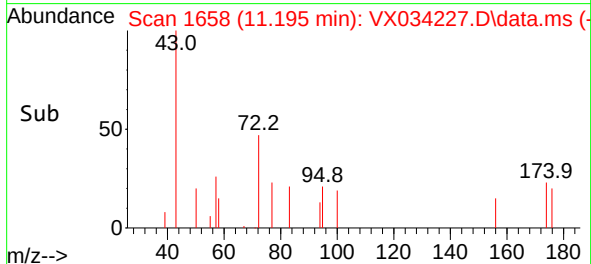
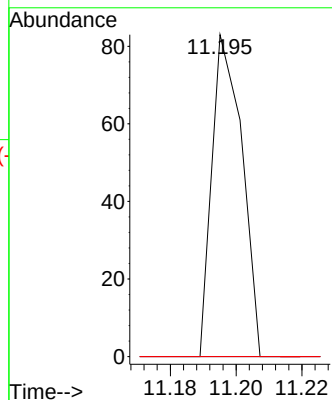
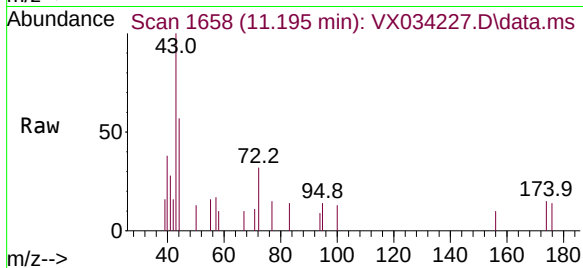




#75
1,1,2,2-Tetrachloroethane
Concen: 0.009 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.018 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

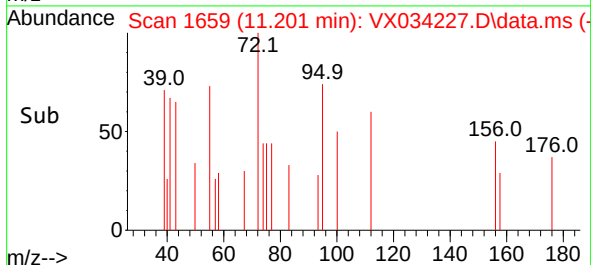
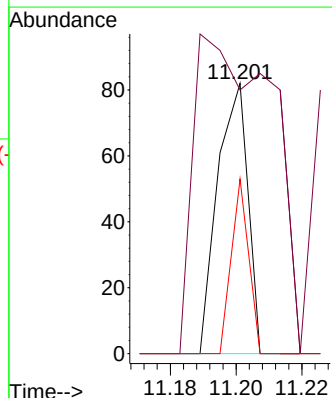
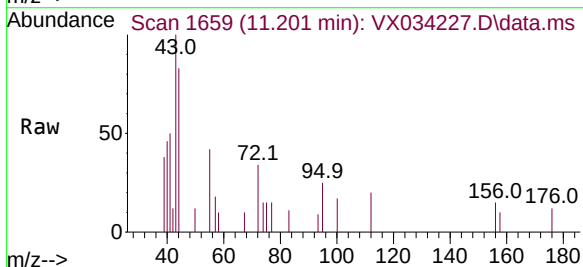
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

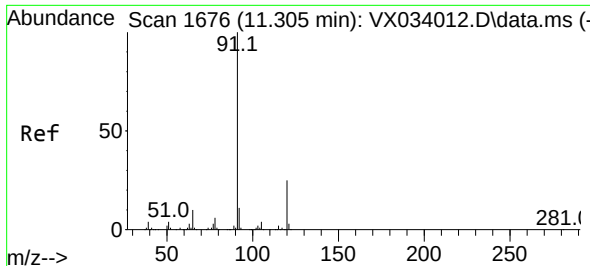
Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.7#
85 0.0 32.3 96.9#



#77
Bromobenzene
Concen: 0.013 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 156 Resp: 52
Ion Ratio Lower Upper
156 100
77 361.5 68.1 204.3#
158 36.5 48.0 144.2#

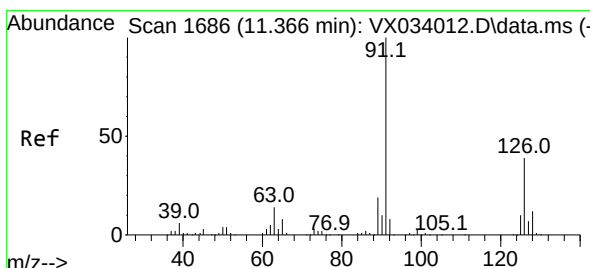
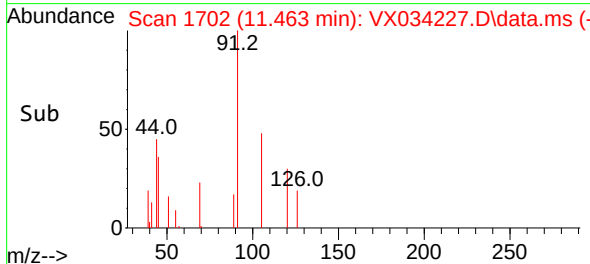
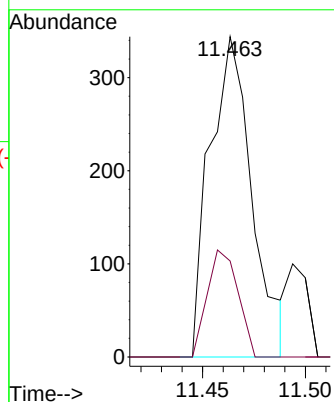
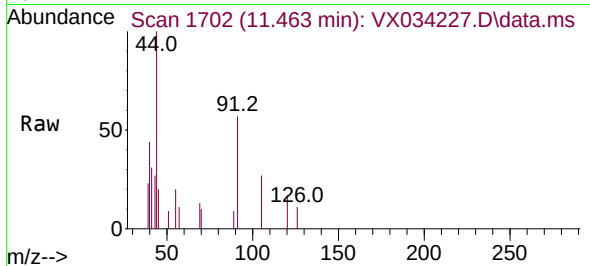




#78
n-propylbenzene
Concen: 0.025 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.159 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

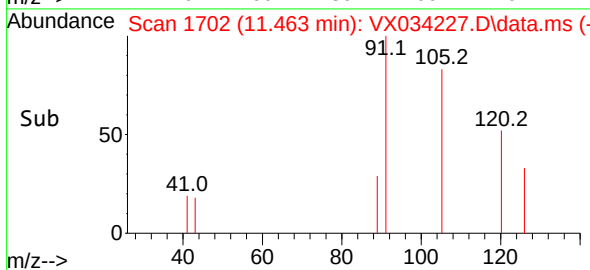
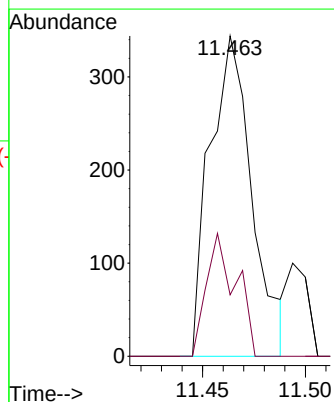
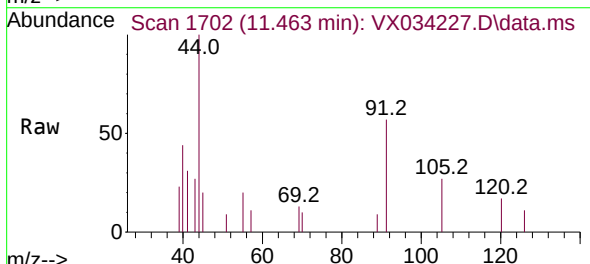
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

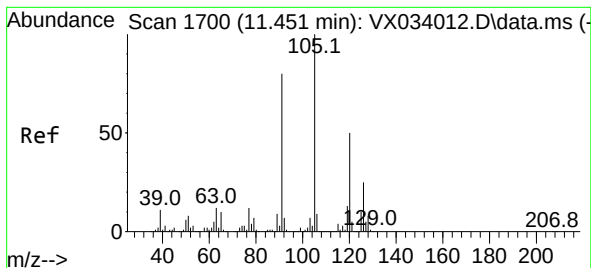
Tgt Ion: 91 Resp: 491
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.8



#79
2-Chlorotoluene
Concen: 0.040 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.098 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion: 91 Resp: 491
Ion Ratio Lower Upper
91 100
126 26.9 18.1 54.1





#80

1,3,5-Trimethylbenzene

Concen: 0.020 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

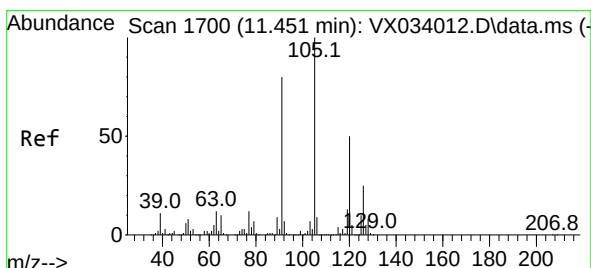
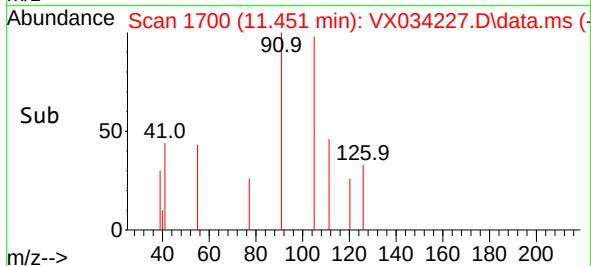
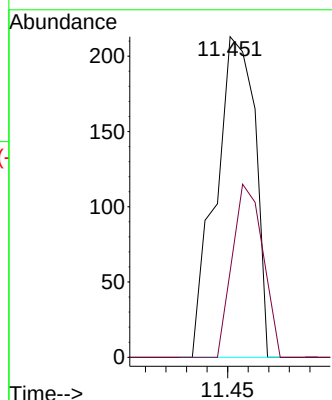
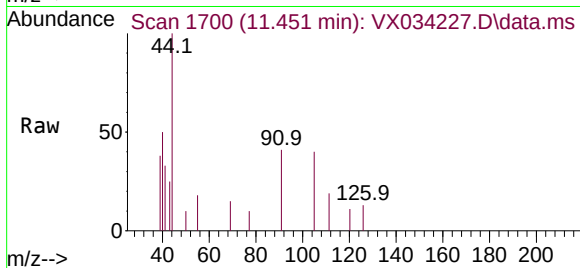
WEIR-TANK-MUD

Tgt Ion:105 Resp: 283

Ion Ratio Lower Upper

105 100

120 42.0 25.6 76.8



#82

4-Chlorotoluene

Concen: 0.035 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VX034227.D

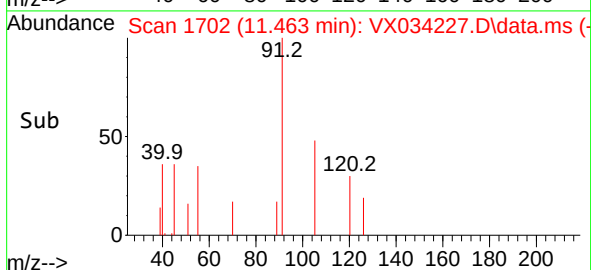
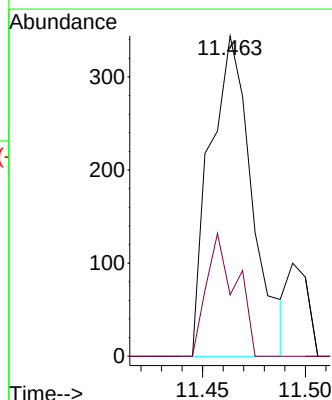
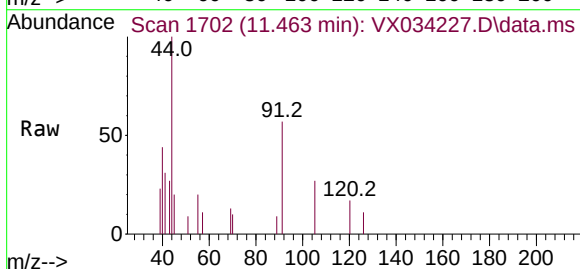
Acq: 22 Feb 2023 14:36

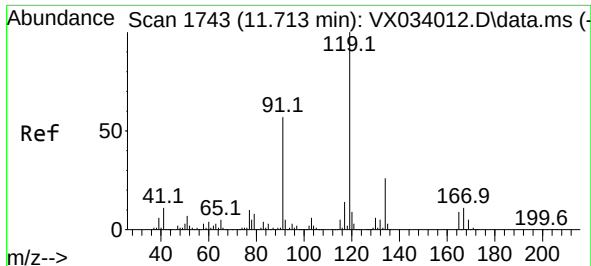
Tgt Ion: 91 Resp: 491

Ion Ratio Lower Upper

91 100

126 26.9 15.8 47.4

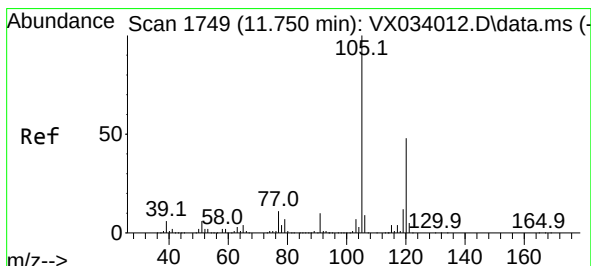
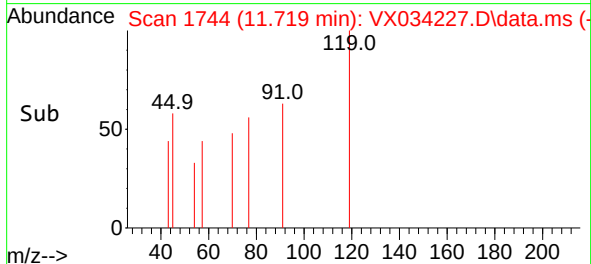
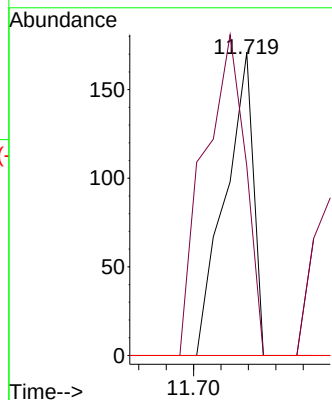
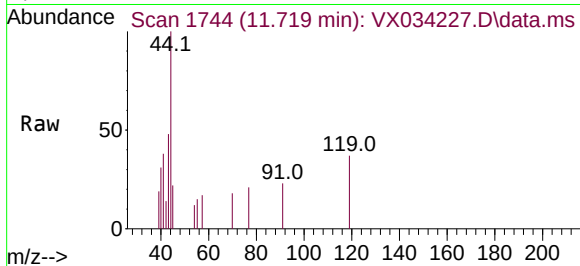




#83
tert-Butylbenzene
Concen: 0.008 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

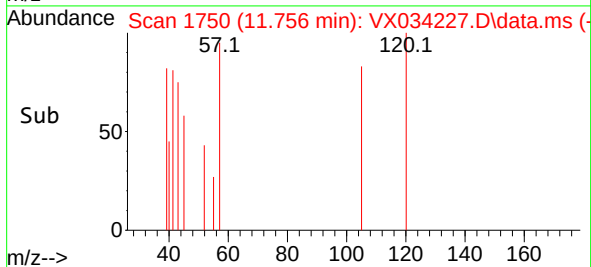
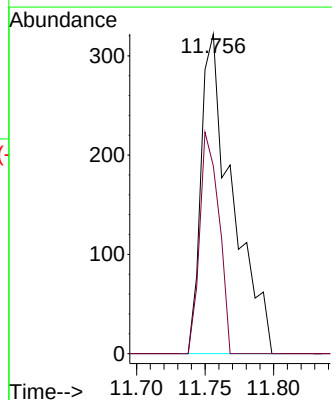
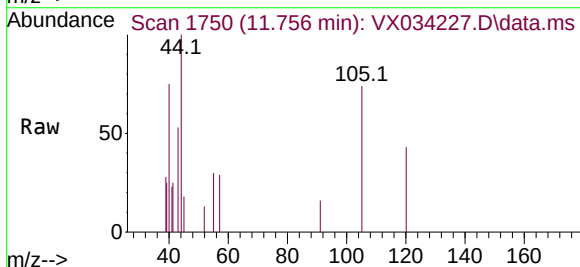
Instrument :
MSVOA_X
ClientSampleId :
WEIR-TANK-MUD

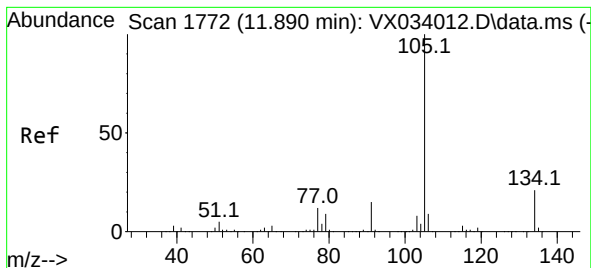
Tgt Ion:119 Resp: 123
Ion Ratio Lower Upper
119 100
91 154.5 26.9 80.7#
134 0.0 12.3 36.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.035 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034227.D
Acq: 22 Feb 2023 14:36

Tgt Ion:105 Resp: 508
Ion Ratio Lower Upper
105 100
120 42.9 23.4 70.2

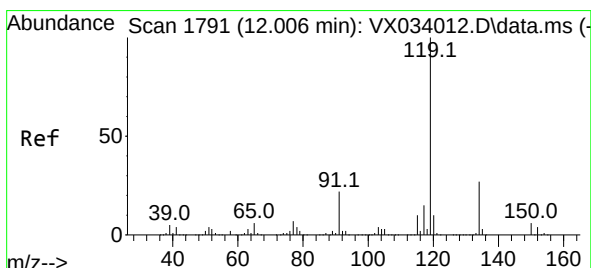
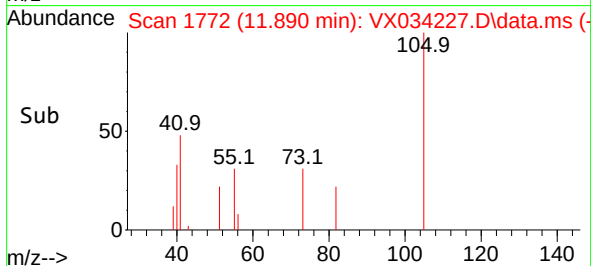
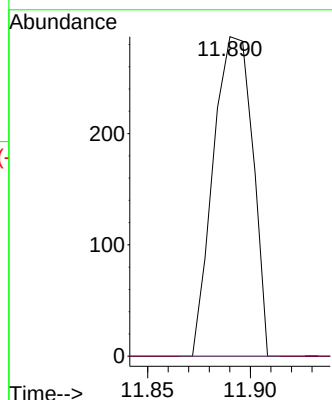
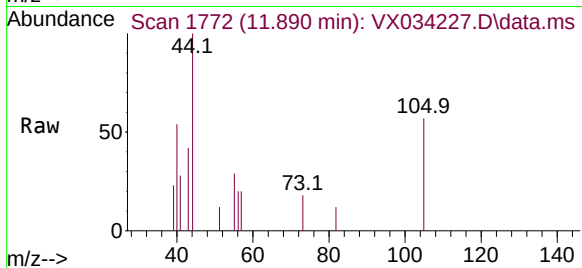




#85
 sec-Butylbenzene
 Concen: 0.022 ug/l
 RT: 11.890 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: VX034227.D
 Acq: 22 Feb 2023 14:36

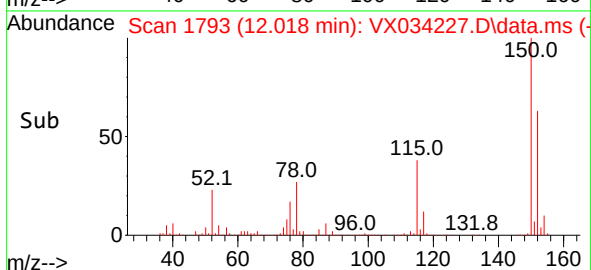
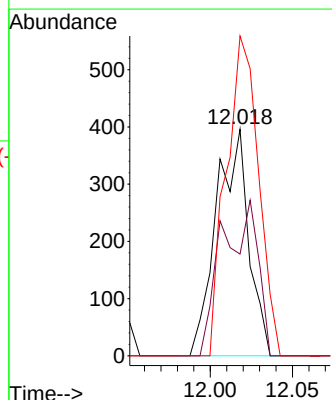
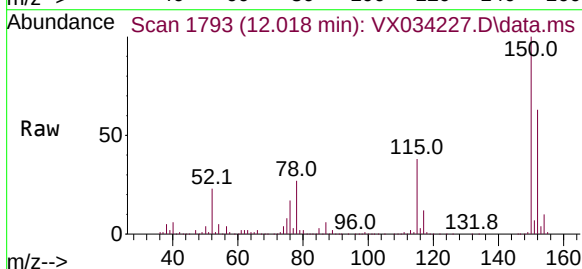
Instrument :
 MSVOA_X
 ClientSampleId :
 WEIR-TANK-MUD

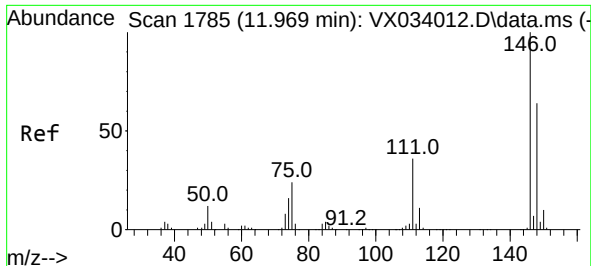
Tgt Ion:105 Resp: 383
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.3#



#86
 p-Isopropyltoluene
 Concen: 0.037 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.006 min
 Lab File: VX034227.D
 Acq: 22 Feb 2023 14:36

Tgt Ion:119 Resp: 542
 Ion Ratio Lower Upper
 119 100
 134 75.3 13.6 40.8#
 91 140.4 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.039 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

WEIR-TANK-MUD

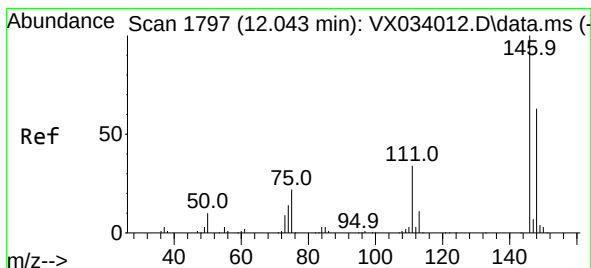
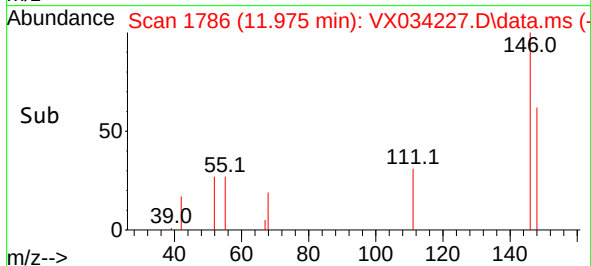
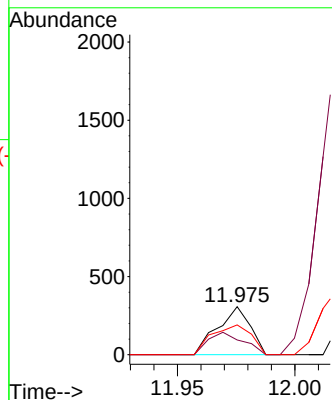
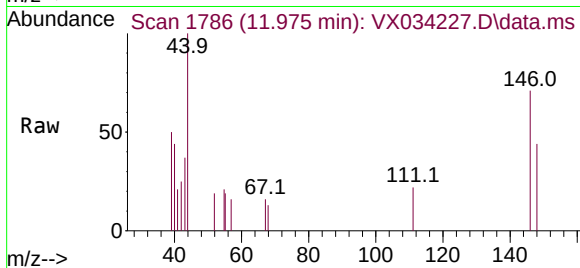
Tgt Ion:146 Resp: 296

Ion Ratio Lower Upper

146 100

111 50.7 18.6 55.6

148 74.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.038 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

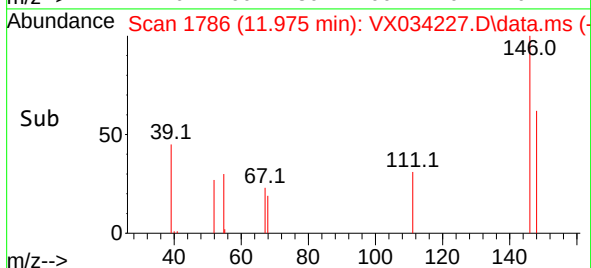
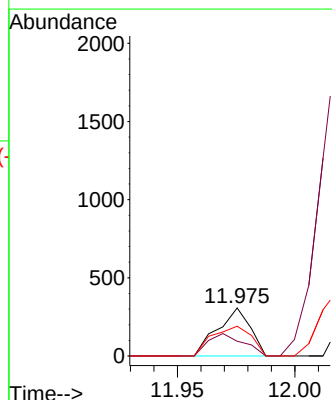
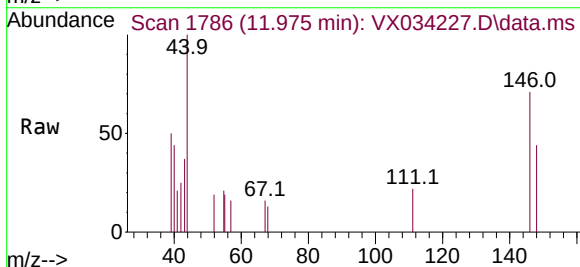
Tgt Ion:146 Resp: 296

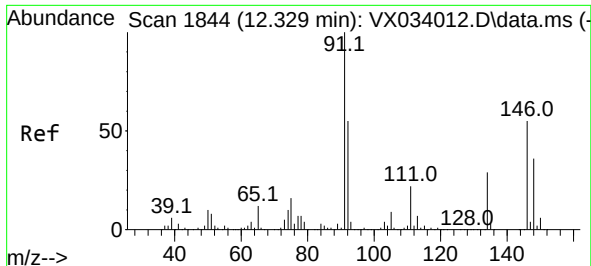
Ion Ratio Lower Upper

146 100

111 50.7 17.8 53.4

148 74.3 32.1 96.3





#89

n-Butylbenzene

Concen: 0.040 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Instrument :

MSVOA_X

ClientSampleId :

WEIR-TANK-MUD

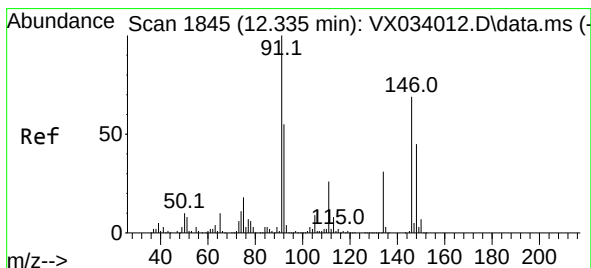
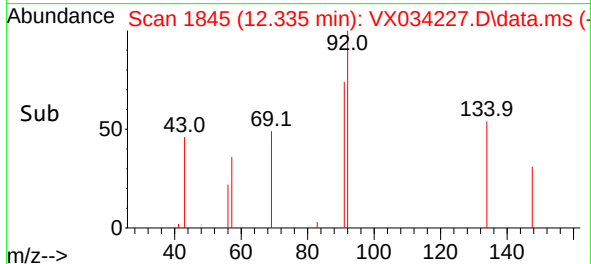
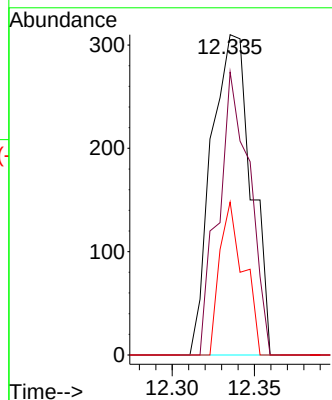
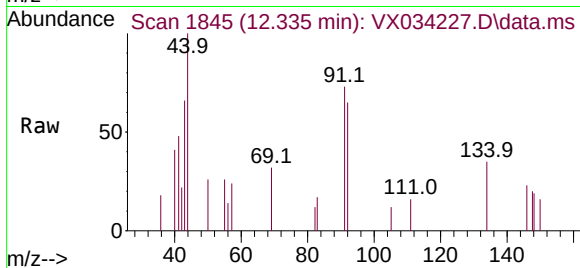
Tgt Ion: 91 Resp: 522

Ion Ratio Lower Upper

91 100

92 69.5 27.5 82.5

134 28.9 14.3 42.9



#91

1,2-Dichlorobenzene

Concen: 0.023 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

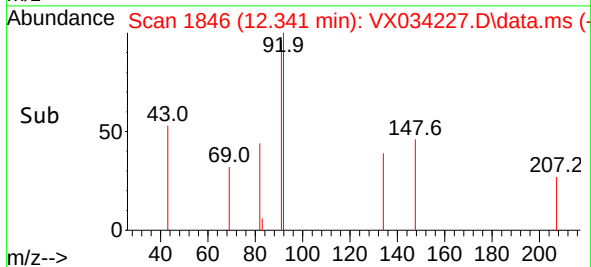
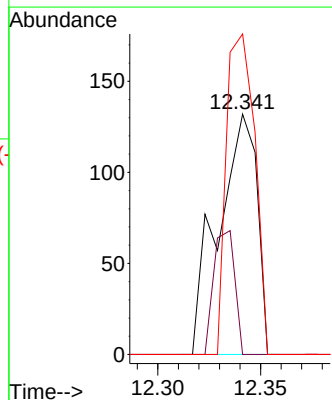
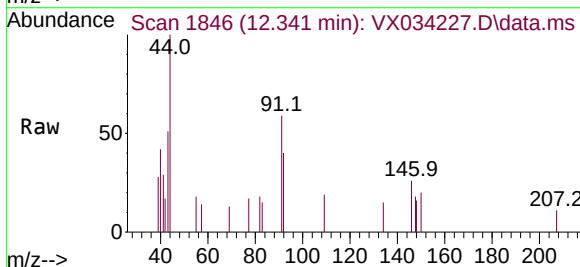
Tgt Ion:146 Resp: 173

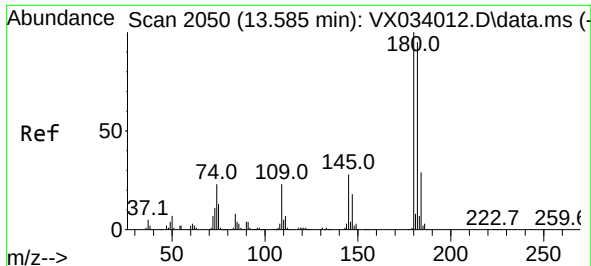
Ion Ratio Lower Upper

146 100

111 27.7 19.3 57.8

148 98.3 32.3 96.9#

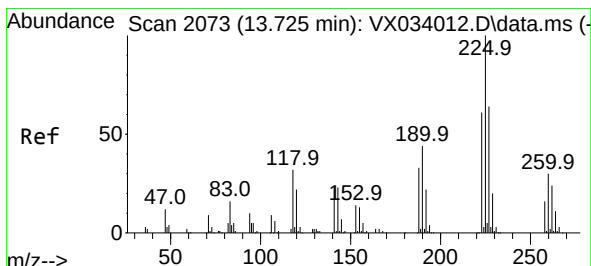
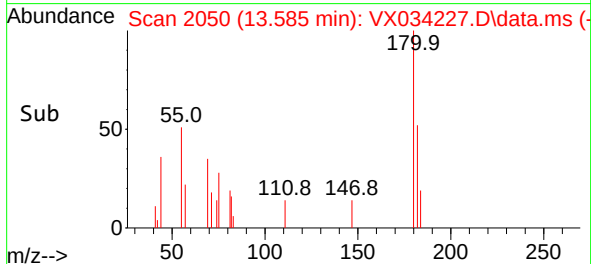
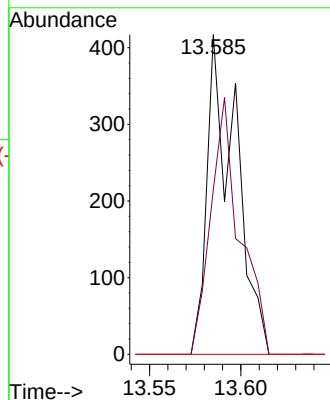
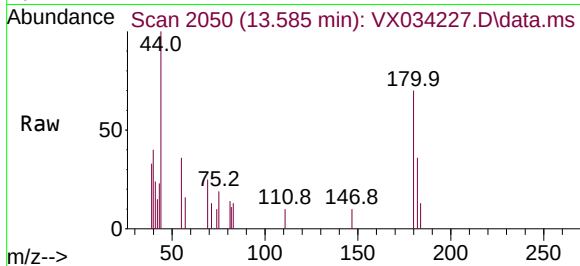




#93
 1,2,4-Trichlorobenzene
 Concen: 0.094 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX034227.D
 Acq: 22 Feb 2023 14:36

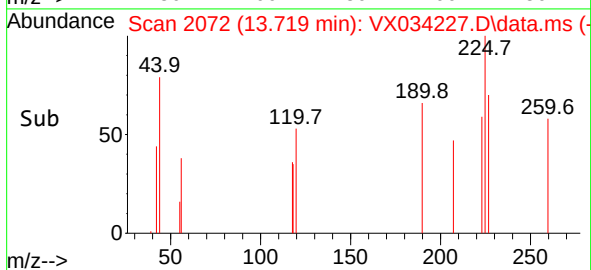
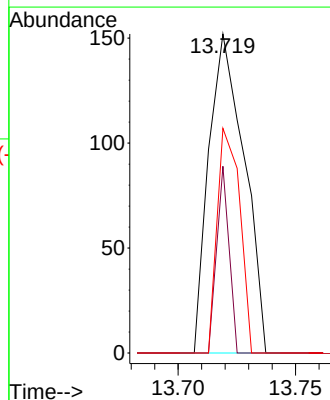
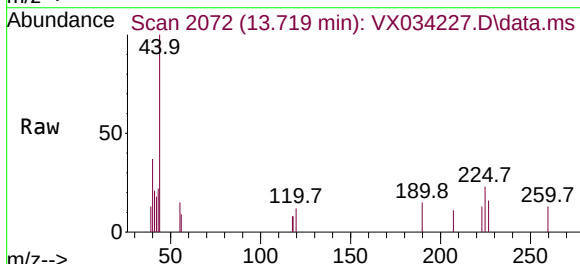
Instrument :
 MSVOA_X
 ClientSampleId :
 WEIR-TANK-MUD

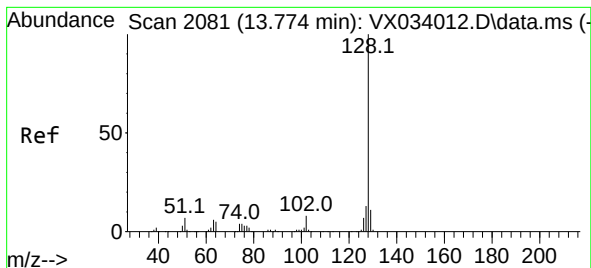
Tgt Ion:180 Resp: 453
 Ion Ratio Lower Upper
 180 100
 182 81.9 47.9 143.6
 145 0.0 14.1 42.2#



#94
 Hexachlorobutadiene
 Concen: 0.079 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX034227.D
 Acq: 22 Feb 2023 14:36

Tgt Ion:225 Resp: 159
 Ion Ratio Lower Upper
 225 100
 223 20.8 31.3 93.9#
 227 44.7 32.3 96.9





#95

Naphthalene

Concen: 0.105 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

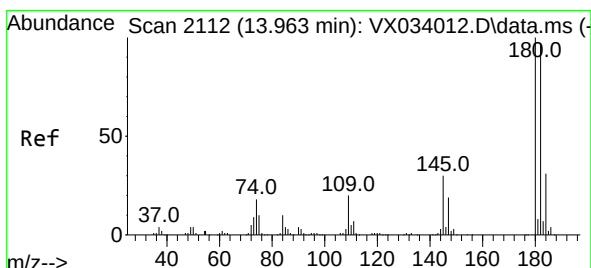
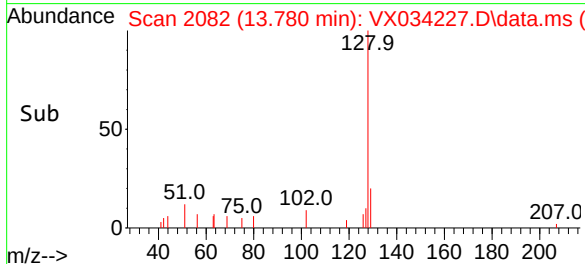
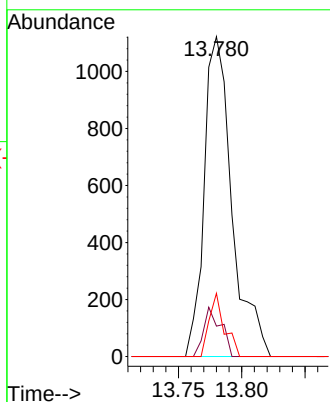
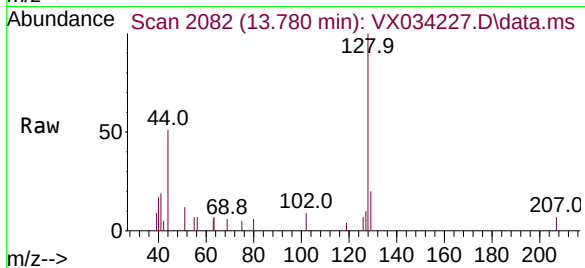
Instrument :

MSVOA_X

ClientSampleId :

WEIR-TANK-MUD

Tgt Ion:128	Resp:	1714
Ion Ratio	Lower	Upper
128	100	
127	9.6	10.3 15.5#
129	10.9	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.059 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX034227.D

Acq: 22 Feb 2023 14:36

Tgt Ion:180	Resp:	281
Ion Ratio	Lower	Upper
180	100	
182	161.6	47.6 142.9#
145	0.0	15.1 45.3#

